

HARVARD SCHOOL OF PUBLIC HEALTH



THE CLASS OF 1958

HARVARD SCHOOL



CLASS

1958 STUDENTS

73 U. S. A. . . . 4 Canada . . . 14 Europe, Africa and Middle
East . . . 5 Central and South America . . . 16 Far East . . . 1
Australia.


OF PUBLIC HEALTH



OF 1958

1958 STUDENTS

64 Physicians . . . 2 Psychologists . . . 4 Dentists . . . 1 Veteri-
narian . . . 11 Nurses . . . 4 Health Educators . . . 3 Social
Workers . . . 5 USAF . . . 2 RCAF . . . 6 Engineers . . . 4 Statis-
ticians . . . 6 Nutritionists . . . 1 Lawyer.



Digitized by the Internet Archive
in 2018 with funding from
Harvard T.H. Chan School of Public Health

The Class of 1958

HARVARD SCHOOL OF PUBLIC HEALTH

Boston, Massachusetts

OB 272

The Officers and
Class of 1958
wish to express their gratitude
and appreciation to
WINTHROP LABORATORIES, INC.
whose generous support
made possible the publication
of this yearbook.

PUBLIC HEALTH
IN A WORLD COMMUNITY



HARVARD SCHOOL OF PUBLIC HEALTH
CLASS OF 1958

This book is dedicated to the memory of

BARBARA HAZARD LEAVELL

1902-1958

and

MARIA JULIA LOPES MESQUITA GUIMARAES MONIZ

1917-1958



MAIN BUILDING
HARVARD SCHOOL OF PUBLIC HEALTH
55 SHATTUCK STREET

LANDMARKS LONG
TO BE REMEMBERED



JIMMY FUND BUILDING
AUDITORIUM ENTRANCE



HUNTINGTON BUILDING
HARVARD SCHOOL OF PUBLIC HEALTH
1 SHATTUCK STREET



SIDE VIEW
CHILDREN'S MEDICAL CENTER



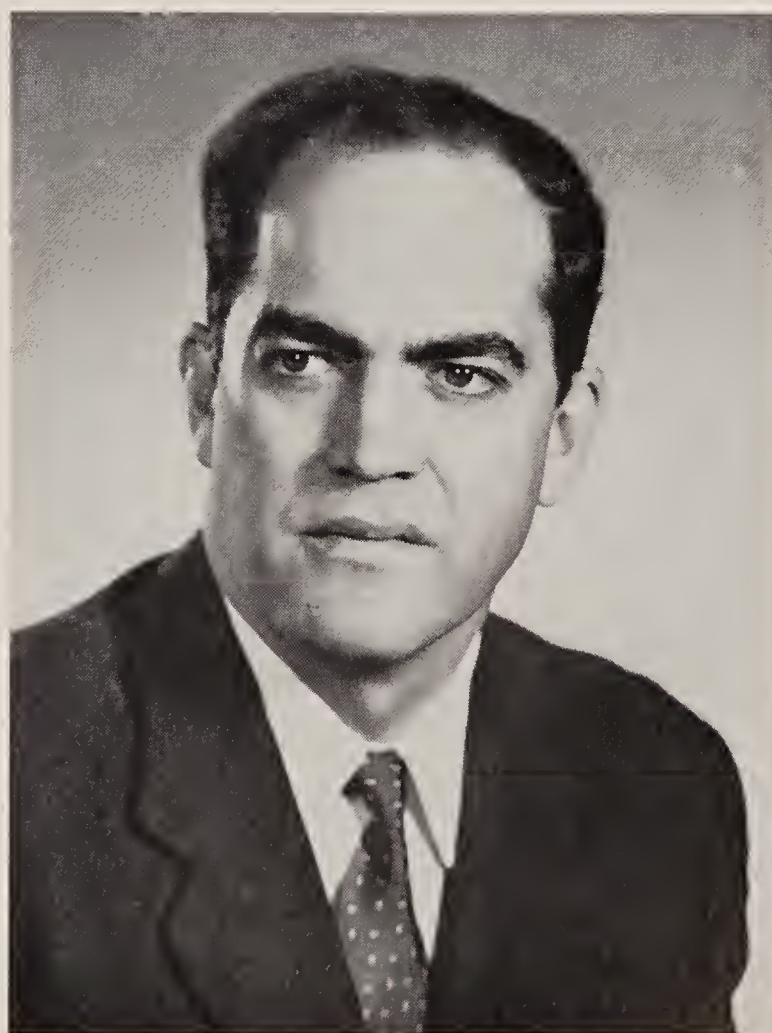
HARVARD FIELD TRAINING UNIT
WHITTIER STREET HEALTH CENTER



DR. JOHN CRAYTON SNYDER
Dean



DR. HUGH RODMAN LEAVELL
Assistant Dean



DR. JAMES L. WHITTENBERGER
Assistant Dean



Front row—Mr. Spaulding, Mrs. Barnaby, Dr. Snyder, Dr. Leavell, Miss O'Neill.
Rear row—Miss Smith, Miss Murphy, Miss McCarthy, Mrs. Purdy, Mr. Parsons, Miss Laskey,
 Miss Boghosian, Miss Sowles.

ADMINISTRATION

THE numerous procedures required to run the School of Public Health smoothly and efficiently are carried out by the administrative staff. From a long time before the students convene from all parts of the world to register at the School, and undoubtedly for quite a long time after the last of them has left, the myriad details of administration they require have been and will continue to be performed.

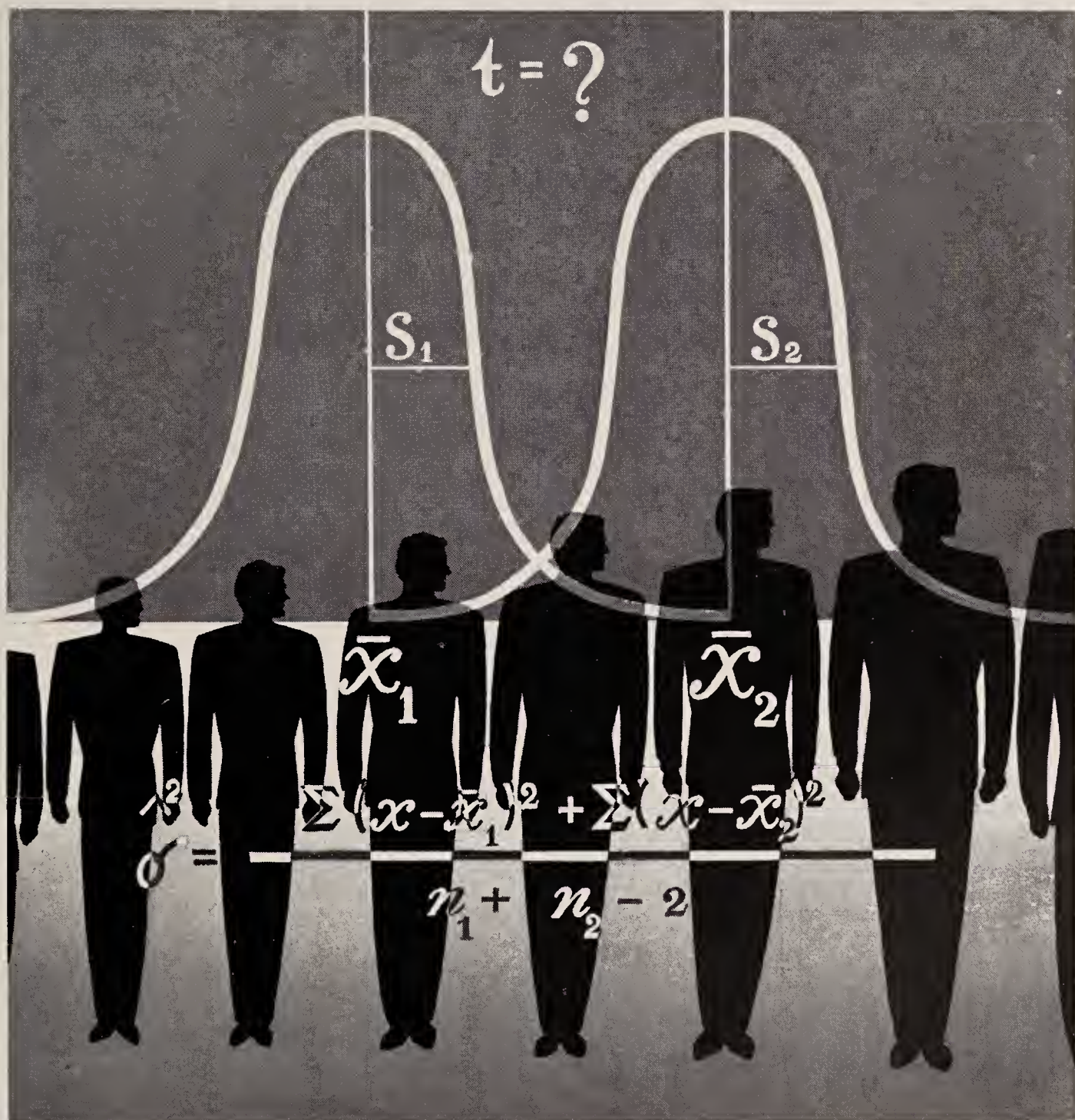
Dean Snyder, Assistant Deans Leavell and Whittenberger, Dr. Forbes, Mr. Spaulding and Mrs. Barnaby, in addition to their responsibilities within the School, continue to be effective spokesmen for the School in its relationships with the University, the Alumni, the community and the world at large. Helping to adjust the student to his new environment, fulfilling ever-present demands from the front office for various kinds of information, and solving the thousand and one problems that were presented to them by the students were among the many things graciously and capably performed by the Misses Beverly Laskey, Mary O'Neill, Joan Smith, Madeline

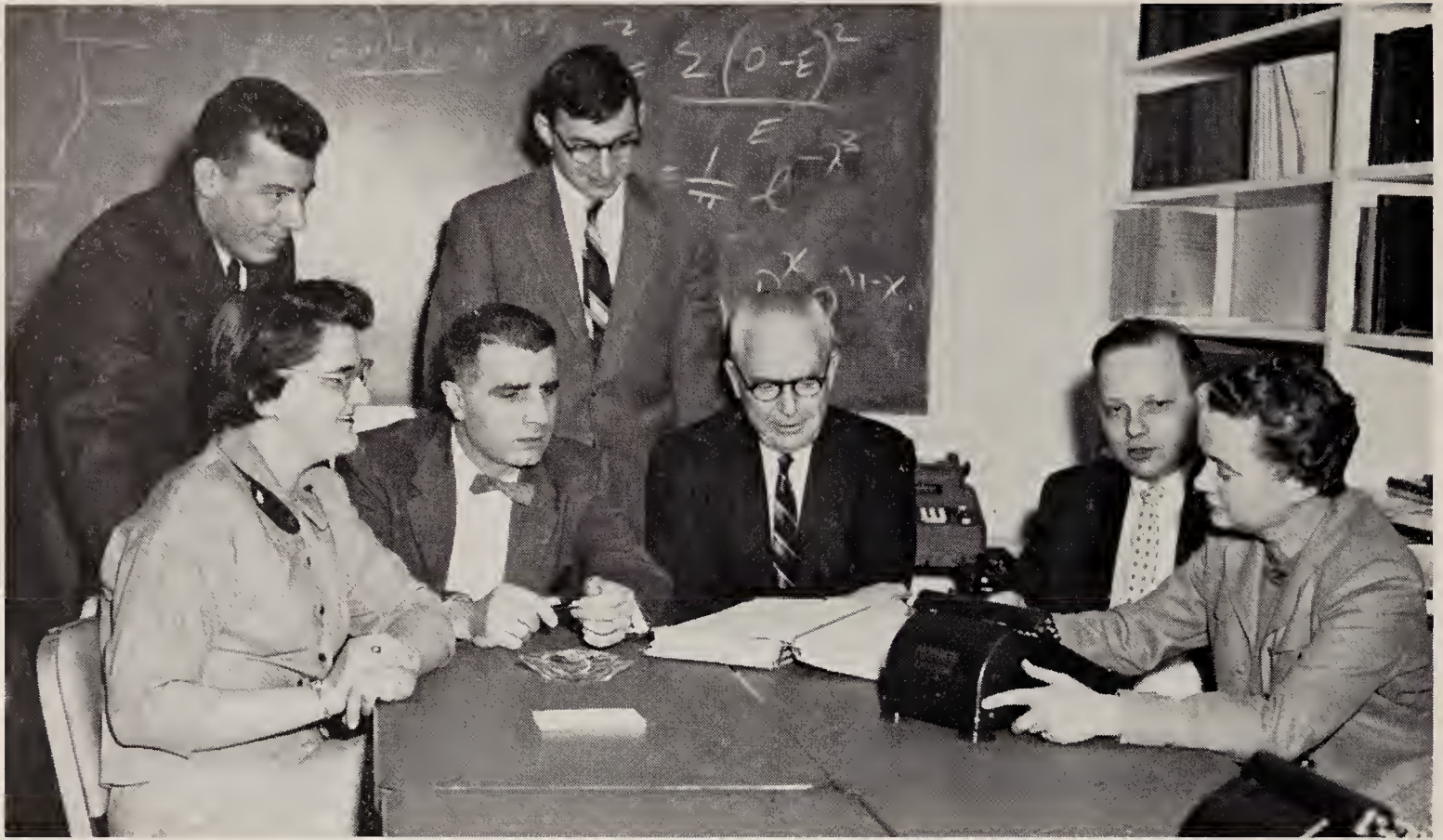
Sowles, Agnes Murphy, Nuvart Boghosian, Janet McCarthy, Mrs. Millicent Purdy and Mr. Jean Parsons.

The past year was marked by the introduction of an orientation course for students coming to the United States for the first time. It was given for two weeks prior to the opening of School in September and was under the direction of Dr. Forbes, Faculty Advisor for Foreign Students. On January 1, 1958, the School became a "landlord" when arrangements were concluded to lease several apartments near the School for occupancy by some of our students. Utilizing their administrative as well as artistic skills, Mrs. Barnaby and Miss Laskey furnished the apartments and left details of rental to a local real estate firm.

The Development Office, under Mr. Spaulding's direction, arranged a conference of the Industrial Council for Tropical Health and supervised the publication of the proceedings in book form. Mr. Spaulding also represented the Association of Schools of Public Health in promoting legislation for federal aid to the accredited schools of public health in the United States.

BIOSTATISTICS





Standing—Mr. Seigel, Mr. Elashoff.
Seated—Miss Drolette, Dr. Bartholomay, Dr. Muench, Dr. Reed, Dr. Worcester.

DEPARTMENT OF BIOSTATISTICS

HUGO MUENCH, A.B., M.D., Dr.P.H. A.M. (hon.), *Professor of Biostatistics and Head of the Department*

JANE WORCESTER, A.B., Dr.P.H., *Associate Professor of Biostatistics*

ROBERT B. REED, Ph.D., *Associate Professor of Biostatistics*

ANTHONY F. BARTHOLOMAY, A.M., S.D. in Hyg., *Assistant Professor of Mathematical Biology*

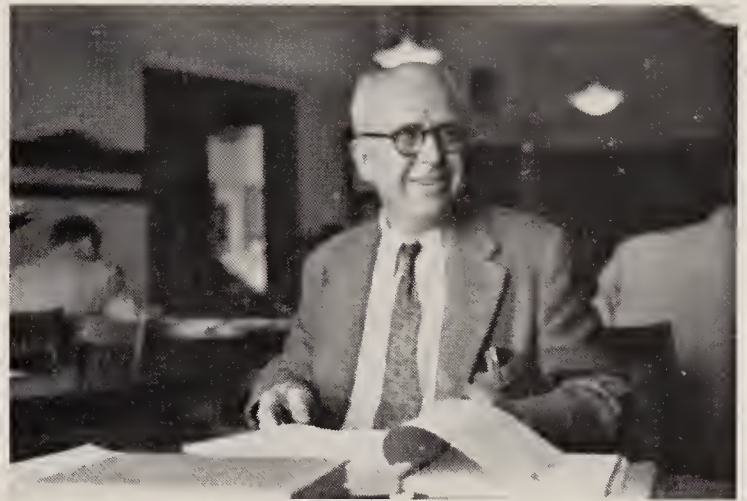
MARGARET E. DROLETTE, A.B., M.P.H., *Instructor in Biostatistics*

ELIZABETH G. FLANAGAN, S.B., *Research Associate in Biostatistics*

MINDEL C. SHEPS, M.D., M.P.H., *Assistant Professor of Preventive Medicine*

TAKING literally the statement that "most students come to the School with no background in statistical technics and their application," Dr. Hugo Muench and his colleagues soon attempted to rectify this lamentable state of affairs. With seemingly infinite patience and noteworthy enthusiasm, Drs. Reed and Worcester, Miss Drolette and the laboratory assistants used almost heroic measures to inculcate in us a knowledge of basic concepts and principles. Despite the fact that the fruits of their labors will not mature overnight, it will be a rare individual who has not gained a healthy respect for the kinds of questions to ask about data and who has not learned new ways of looking at the universe. As a constant measure of our regard for statistical concepts in general and, in particular, for the people who labored to get them across, the Class presented a king-sized pair of cloth dice (unloaded) to the staff. The dice now hang, a la mobile, in a prominent position in the library of the Department.

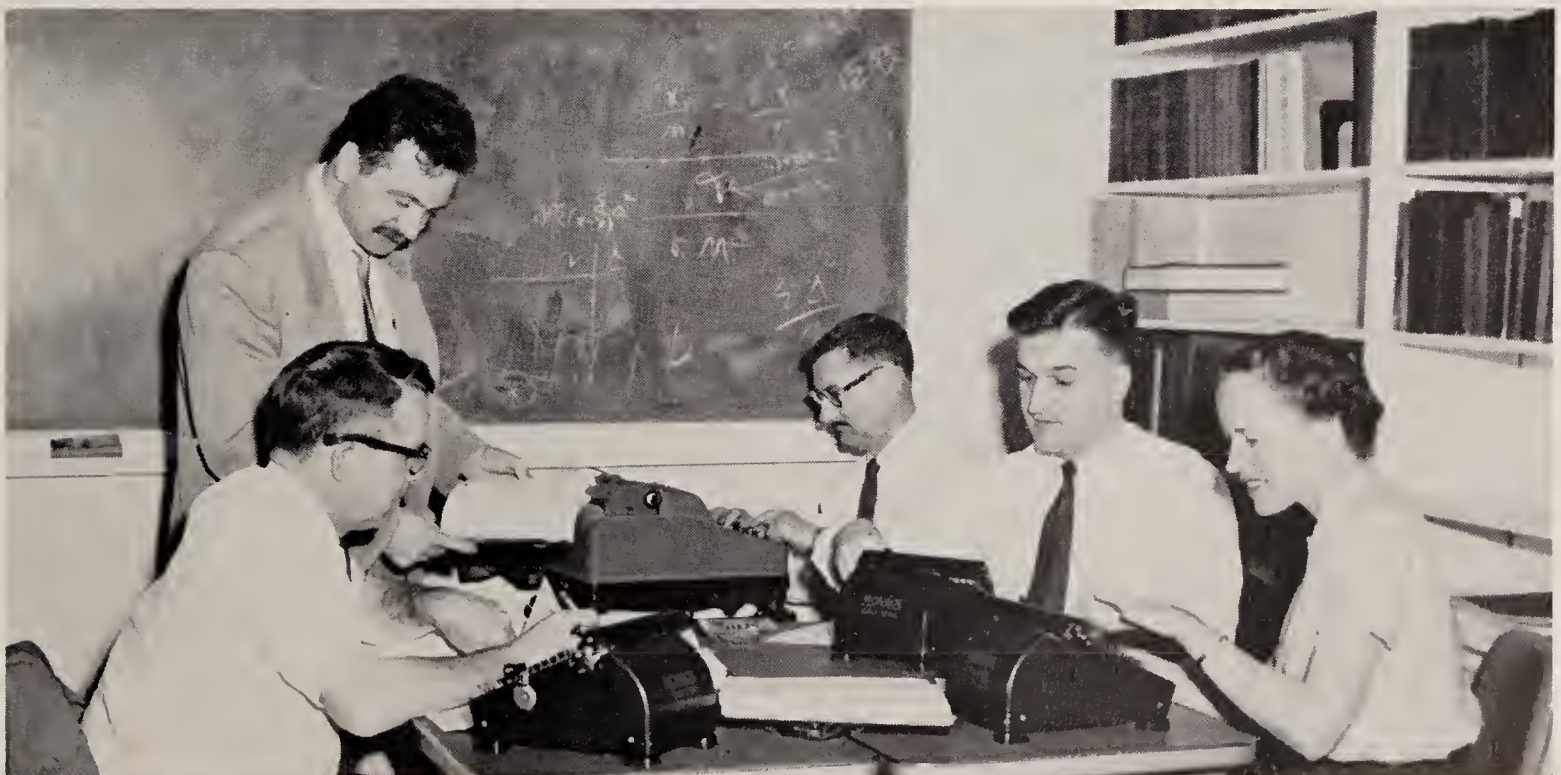
Many of the activities of the Department are conducted out of sight of most of us. Staff members offer aid and consultation to researchers in other departments of the School and University,

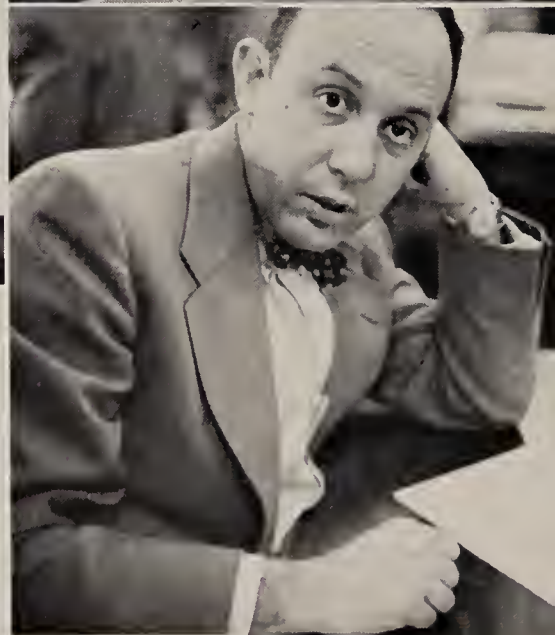


DR. MUENCH

as well as to many community agencies and institutions. An advanced training program for the junior members of the staff is conducted by the Department under a grant from the National Heart Institute. Most of its out-of-the-classroom activity does not involve the Department in the conduct of major research programs of its own. The Department is currently cooperating in a study at St. Paul's Rehabilitation Center for the Blind in Newton, Mass.

PUNCH AND GRIND





EPIDEMIOLOGY





Standing—Dr. F. Babbott, Dr. Taylor, Dr. J. Babbott, Dr. Pugh, Dr. Ingalls, Dr. Philbrook.
Seated—Dr. Wesselhoeft, Dr. Gordon, Dr. Rubenstein.

DEPARTMENT OF EPIDEMIOLOGY

JOHN E. GORDON, S.B., Ph.D., M.D., A.M. (hon.), F.R.C.P. (Lond.), *Professor of Preventive Medicine and Epidemiology and Head of the Department*

THEODORE H. INGALLS, A.B., M.D., Sc.D. (hon.), *Associate Professor of Epidemiology*

A. DANIEL RUBENSTEIN, A.B., M.D., M.P.H., *Associate Clinical Professor of Epidemiology*

THOMAS F. PUGH, M.D., M.P.H., *Assistant Professor of Epidemiology*

CARL E. TAYLOR, S.B., M.D., F.R.C.P. (Canada), Dr.P.H., *Assistant Professor of Preventive Medicine and Epidemiology*

F. RANDOLF PHILBROOK, S.B., M.D., M.P.H., *Associate in Epidemiology*

FRANK L. BABBOTT, JR., A.B., M.D., M.P.H., S.M. in Hyg., *Associate in Epidemiology*

HUGH L. C. WILKERSON, S.B., M.D., M.P.H., *Lecturer on Epidemiology*

FRANCIS B. CARROLL, D.M.D., M.D., M.P.H., *Visiting Lecturer on Epidemiology*

CONRAD WESSELHOEFT, M.D., *Visiting Lecturer on Infectious Diseases*

JOHN C. AYRES, S.B., M.D., M.P.H., *Instructor in Epidemiology*

JOAN G. BABBOTT, A.B., M.D., M.P.H., *Research Associate in Epidemiology*

C. GEORGE TEDESCHI, M.D., *Research Associate in Pathology*

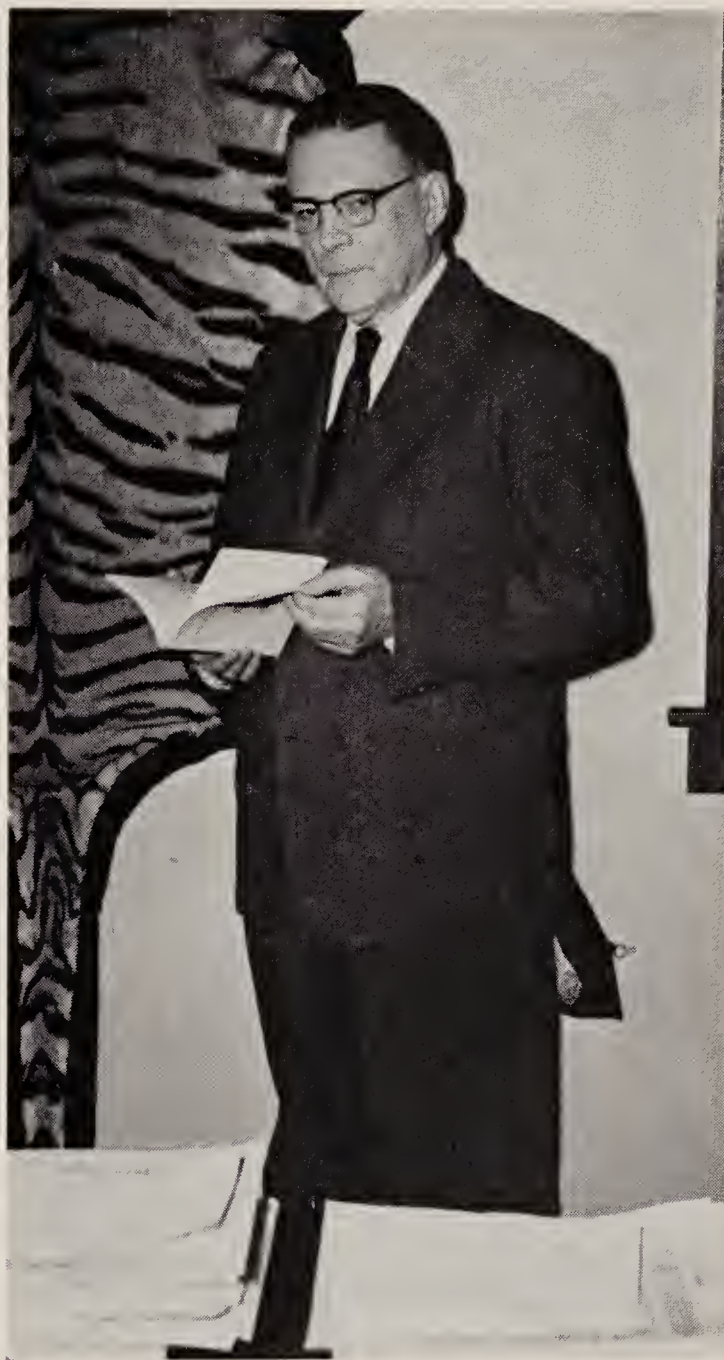
LOUIS WEINSTEIN, S.M. Ph.D., M.D., *Lecturer on Infectious Diseases*

NICHOLAS J. FIUMARA, M.D., M.P.H., *Associate in Epidemiology*

UNDER the unifying concept of Host, Agent, and Environment, Professor John E. Gordon and his colleagues introduce the student to the methods and techniques of Epidemiology in Course 1b. One soon learns that the epidemiologic approach has long since broadened its focus from the communicable diseases to all diseases that affect population groups. Thus, in addition to such chronic diseases as cancer, heart disease and tuberculosis, mental illness, accident, fertility, alcoholism and many other conditions are subjected to epidemiologic analysis.

Although the basic course in the Department is labeled "Principles of Epidemiology," it might also be called "global epidemiology." References to all parts of the world are made to illustrate basic principles and their application to the study of mass disease. In addition, laboratory courses dealing with problems in acute and chronic infection, chronic non-infective diseases, and mass injury are given. Specialized courses for majors in epidemiology, biostatistics, and microbiology as well as for students from the military services are offered.

The research activities of the departmental staff are, worldwide. Within the past year the third

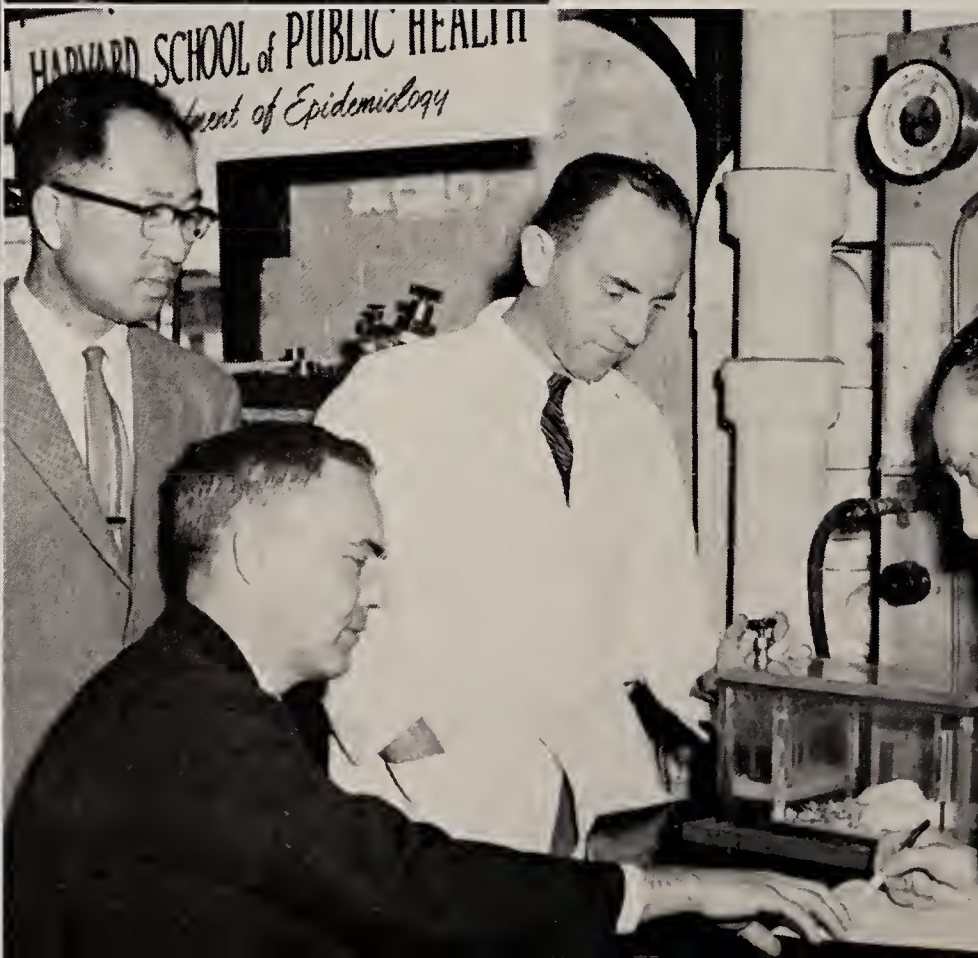
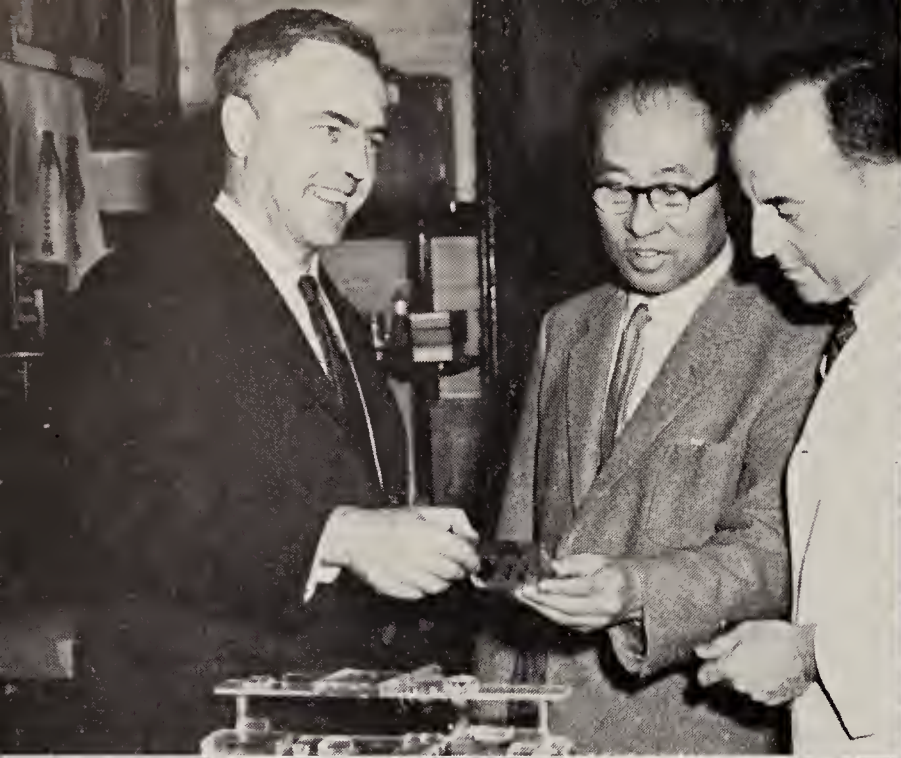


DR. GORDON



BORDER CONFERENCE

phase of long-term studies of intestinal pathogens has been completed in Greenland. The India-Harvard-Ludhiana project, a field investigation of population dynamics in the Punjab, was undertaken in 1956 and will continue until 1960. Local activities of the Department include (a) experimental studies in the production of congenital anomalies in mammals, (b) a community study of single impact stress in mental disorder, (c) a study of equine encephalitis, (d) studies to determine the relationships between meteorological conditions and the causes and frequency of deaths, and (e) diagnostic methods applicable to the epidemiology of leprosy.



INDUSTRIAL HYGIENE





Standing—Dr. Moore, Mr. Dennis, Dr. Damon, Mr. Billings. *Seated*—Dr. McFarland, Dr. Silverman, Prof. Yaglou, Prof. Drinker.

DEPARTMENT OF INDUSTRIAL HYGIENE

PHILIP DRINKER, S.B., Chem.E., S.D. (hon.), LL.D., A.M. (hon.), *Professor of Industrial Hygiene and Head of the Department*

CONSTANTIN P. YAGLOU, B.A., S.B., M.M.E., A.M. (hon.), *Professor of Industrial Hygiene*

LESLIE SILVERMAN, S.D., *Associate Professor of Industrial Hygiene Engineering*

ROSS A. MCFARLAND, A.B., Ph.D., S.D. (hon), *Associate Professor of Industrial Hygiene*

CHARLES R. WILLIAMS, Ph.D., *Associate Professor of Applied Industrial Hygiene*

RICHARD DENNIS, S.M., *Assistant Professor of Industrial Hygiene*

CHARLES E. BILLINGS, S.M., *Assistant Professor of Industrial Hygiene*

JERMYN FRANCIS MCCAHAN, M.D., *Assistant Professor of Industrial Medicine*

ALBERT DAMON, M.D., Ph.D., *Assistant Professor of Medical Anthropology*

EMMA S. TOUSANT, LL.B., *Instructor in Industrial Hygiene*

ROBERT E. YODER, A.B., *Instructor in Radiological Health*

ROLAND C. MOORE, Ph.D., *Research Associate in Industrial Hygiene*

EDWARD KRISTAL, S.B., *Research Associate in Industrial Hygiene Engineering*

CHARLES KURKER, JR., S.B., *Research Associate in Industrial Hygiene Engineering*

FELIX STEIN, S.B., *Assistant in Industrial Hygiene Engineering*

DAVID M. ANDERSON, S.M., *Research Fellow in Industrial Hygiene*

MANSOOR O. WHARTON-ALI, B.Sc., *Research Fellow in Industrial Hygiene*

RICHARD G. DOMEY, S.B., Ed.D., *Research Associate in Industrial Hygiene*

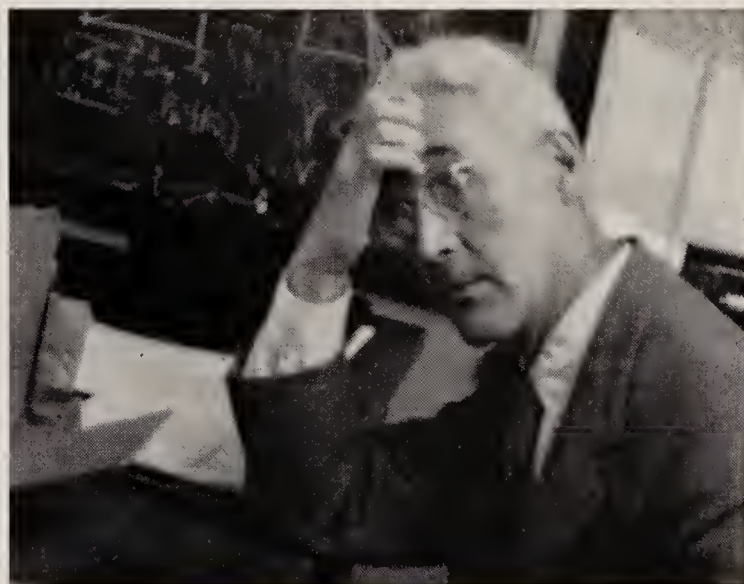
L. LEVENBAUM, S.B., S.M., *Research Associate in Industrial Hygiene Engineering*

HOWARD STOUTT, A.B., A.M., *Research Fellow in Biotechnology*

THE worldwide increase in the extent and complexity of industrial expansion emphasizes the importance of industrial hygiene and occupational health as important factors in the study of public health. The scope and content of courses offered by the Department illustrate the evolution of the field from concern with the highly technical problems of evaluating and controlling the physical and chemical environment (now given more prominence by air pollution), to recognition of the human factor and its influence upon the production and distribution of goods and services. The Department faculty and staff represent most of the physical, biological and social sciences and their applied disciplines; its teaching and research exemplify the commitment to the goals of public health.

Thus, the Basic Problem in Industrial Hygiene gave an overview of the situations which are met and dealt with by both physician and engineer; the need for each to learn something of the other's field in order to help solve the other's problems was stressed. Industrial Air Analysis, also given

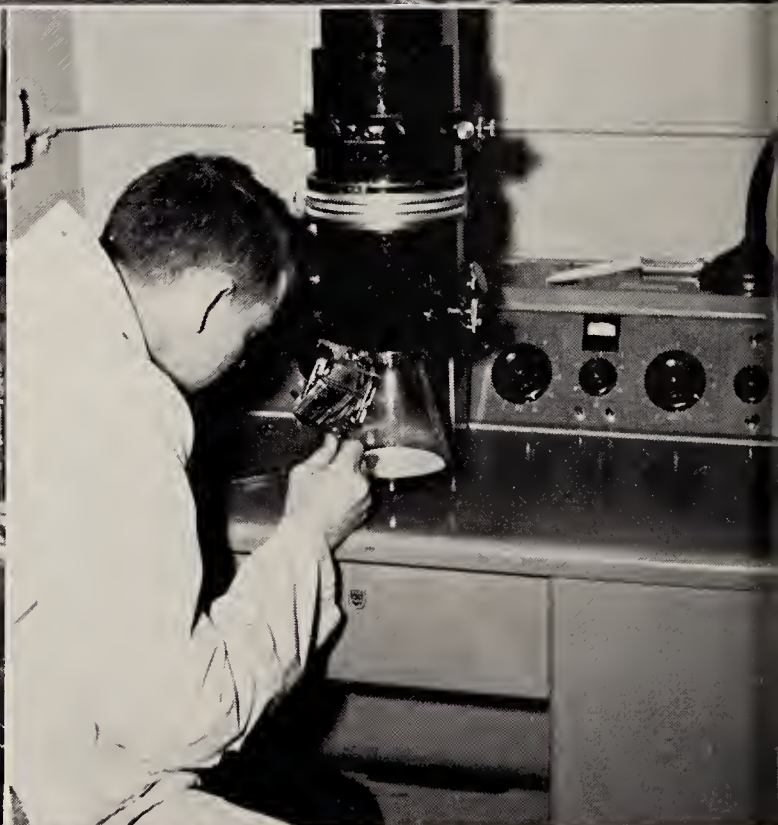
DR. SILVERMAN AND CLASS



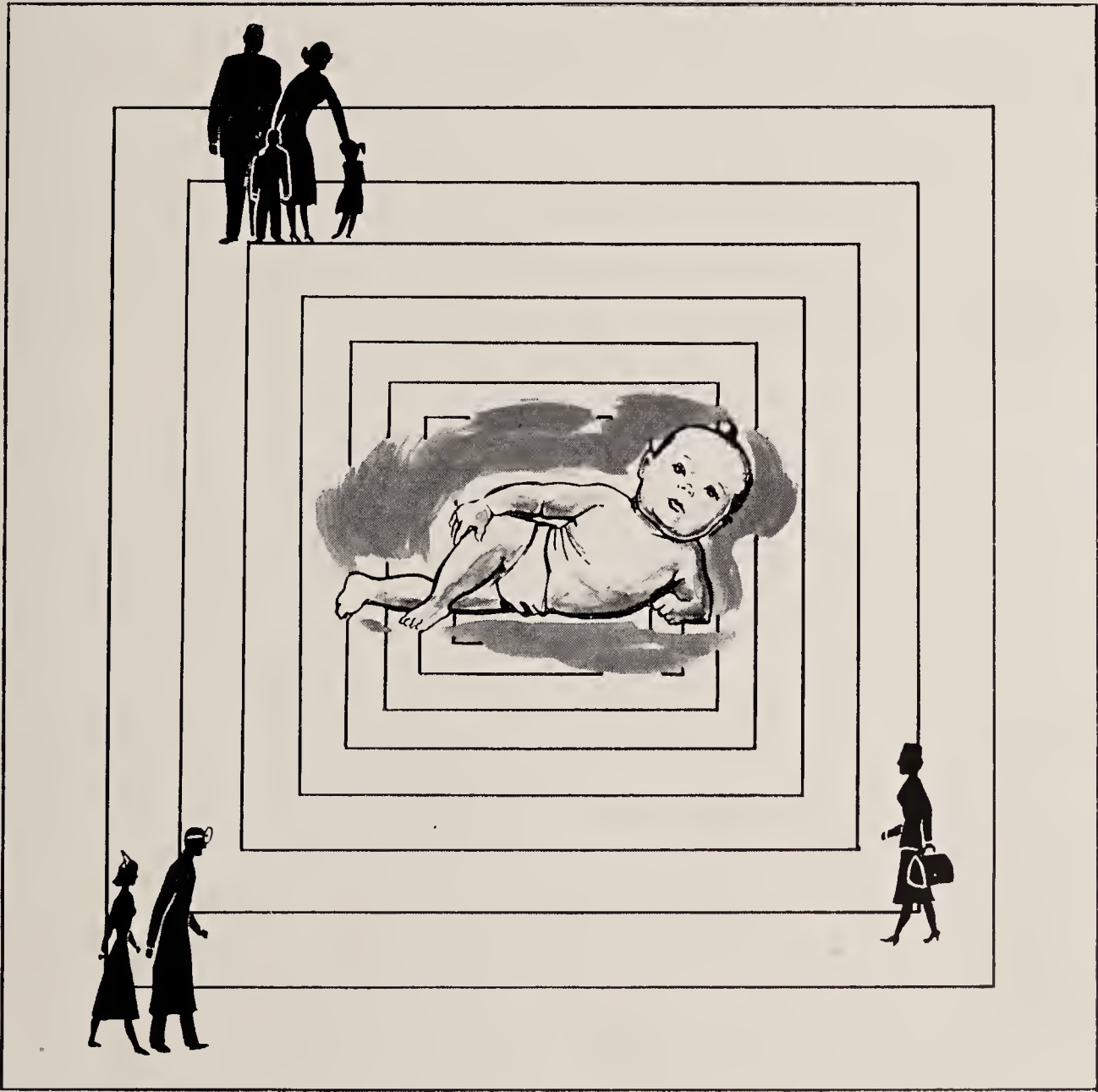
PROF. DRINKER

for students representing both professions, offers further evidence of the trend toward the coordination of effort to meet the related needs of both management and labor. Increased interest in what goes on in plant medical departments and how these activities influence the technical aspects of industrial operations was shown by the attendance of engineers in Industrial Medicine, a systematic and enlightening exposition of the considerations governing the organization and administration of occupational health services. Hygienic Aspects of Ventilation and Air Conditioning dealt with the importance and influence of this element on the health and productivity of the individual and the community. Human Problems of Adjustment in Industry and Human Factors in Occupational Safety represented the multi-factorial, interdisciplinary approach characteristic of the philosophy of public health and required to understand and reconcile the difficulties resulting from the interplay of man and the environment in which he works.

The unique contribution of the Department of Industrial Hygiene is found in the breaking down of barriers between various disciplines and synthesizing of their respective strengths to attain a common objective more efficiently.



MATERNAL AND CHILD HEALTH





*Seated—Dr. Schmidt, Dr. Eliot, Dr. Stuart, Miss Rice.
Standing—Dr. Valadian, Dr. Stitt, Dr. Mason, Miss Wettach, Dr. Kirkwood, Mrs. Cumings.*

DEPARTMENT OF MATERNAL AND CHILD HEALTH

MARTHA M. ELIOT, A.B., M.D., L.H.D., S.D. (hon.), LL.D., *Professor of Maternal and Child Health and Head of the Department*

HAROLD C. STUART, Litt.B., M.D., A.M., (hon.),
Professor of Maternal and Child Health

BERTHA S. BURKE, A.M., *Associate Professor of
Maternal and Child Nutrition*

ELIZABETH P. RICE, A.B., S.M., *Associate Profes-
sor of Public Health Social Work*

WILLIAM M. SCHMIDT, M.D., *Associate Professor
of Maternal and Child Health*

SAMUEL B. KIRKWOOD, A.B., M.D., *Clinical Pro-
fessor of Maternal Health and Commissioner of
Public Health, Department of Public Health of
Massachusetts*

PAULINE G. STITT, M.D., M.P.H., *Assistant Pro-
fessor of Maternal and Child Health*

ISABELLE VALADIAN, M.D., M.P.H., *Associate in
Child Health*

LEONA BAUMGARTNER, Ph.D., M.D., S.D.
(hon.), *Visiting Lecturer on Maternal and
Child Health*

EDWARD A. MASON, A.B., M.D., *Assistant Pro-
fessor of Mental Health*

LEON STERNFELD, S.M., M.D., Ph.D., M.P.H.,
*Assistant Clinical Professor of Maternal and
Child Health and Health Officer of Cambridge*

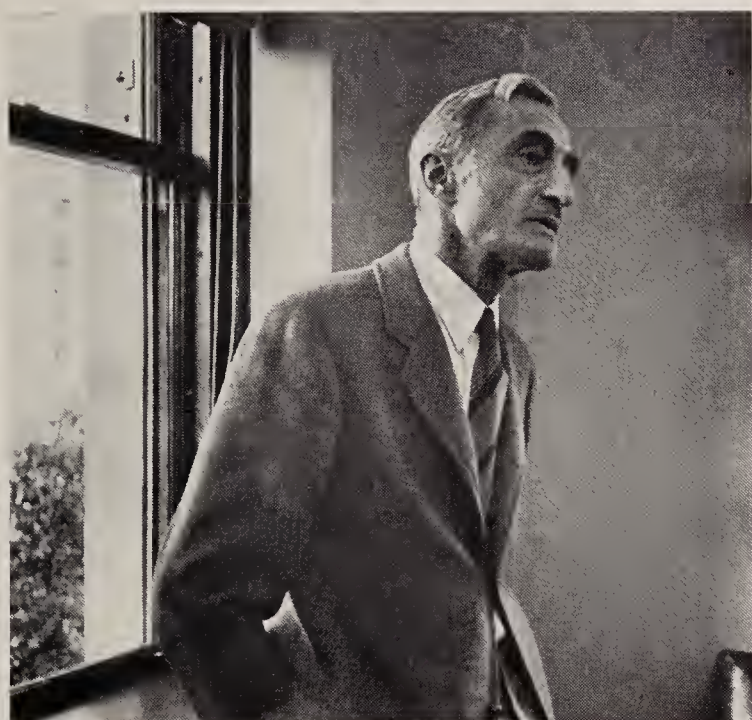
CLEMENT A. SMITH, A.M., M.D., *Associate Pro-
fessor of Pediatrics at the Boston Lying-in
Hospital*

RUTH G. CUMINGS, R.N., B.A., M.A., *Assistant
Professor of Maternal and Child Health Nurs-
ing*

CARLOTTA WETTACH, B.A., M.A., *Instructor in
Public Health Social Work*

COMPOSED of a group of individuals possessing a wide range of skills and knowledge related to maternal and child health, the Department under the internationally known Dr. Martha Eliot offers a variety of courses dealing with problems of pregnancy and birth, childhood, adolescence, motherhood and fatherhood. An organized view of family health problems is presented by the use of the team approach. This involves the participation of psychiatrists, pediatricians, obstetricians, social workers, public health nurses, nutritionists, health educators, anthropologists, psychologists and public health administrators.

DR. STUART
DR. SCHMIDT



DR. ELIOT

Students observed health department programs in New York and Maine as well as visited Federal departments in Washington between semesters. Field experiences in such institutions as the Family Health Clinic at the Lying-in Hospital and the Whittier Street Clinic constitute an integral part of the course. For the students who are majoring in MCH, the Department has planned several summer studies which are intended to supplement understanding of programs and practices discussed in the classroom.

In addition to its teaching activities, the members of the Department participate in a number of research programs. The long-term project on processes of normal growth and development continues. Staff members are assembling data from the demonstration family health clinic which had been conducted at the Boston Lying-in Hospital. Studies being planned for the future include a study of a group of families residing in a housing project to observe in detail the nature and extent of illness and other factors affecting their health, and comparative studies of administrative procedures and methods applicable to the field of public medical care.



MICROBIOLOGY





*Standing—Dr. Chang, Miss McComb, Dr. Bell, Miss Roberts, Mr. Vinson.
Seated—Dr. Snyder, Mrs. Forbes, Dr. Murray.*

DEPARTMENT OF MICROBIOLOGY

JOHN C. SNYDER, A.B., M.D., *Professor of Microbiology and Head of the Department*

EDWARD S. MURRAY, A.B., M.D., M.P.H., *Associate Professor of Microbiology and Assistant Medical Adviser to the Department of Hygiene*

JOHANNES IPSEN, C.A., C.M., Dr.Med., M.P.H., *Associate Professor of Public Health and Superintendent of the Institute of Laboratories, Massachusetts Department of Public Health*

ROBERT S. CHANG, S.B., M.D., S.D. in Hyg., *Assistant Professor of Microbiology*

SAMUEL D. BELL, JR., A.B., M.D., M.P.H., *Assistant Professor of Microbiology*

ROBERT B. PENNELL, S.M., Ph.D., *Lecturer on Immunology*

JAMES A. MCCOMB, D.V.M., *Instructor in Public Health Immunology and Director of Biologic Laboratories, Department of Public Health of Massachusetts*

JOHN M. NEWELL, A.B., S.D., *Instructor in Public Health Immunology*

CATHARINE ATWOOD, A.B., *Instructor in Public Health Bacteriology*

DOROTHY E. MCCOMB, S.B., *Assistant in Microbiology*

JOHN W. VINSON, S.B., *Assistant in Microbiology*

ROBERT A. MACCREADY, S.B., M.D., *Associate in Bacteriology and Immunology and Assistant Director of Diagnostic Laboratories, Department of Public Health of Massachusetts*

IN a program which offers opportunities for advanced study and research, Drs. Snyder, Ipsen, Murray, Chang, Bell, Tarizzo, and Hadden, together with other members of the Department, pursue those elusive and minute agents of disease—bacteria, rickettsiae and viruses. Dr. Snyder, as well as being Dean of the School of Public Health, is also Head of the Department of Microbiology.

In addition to principles of bacteriology and immunology, the Department gives instruction in public health laboratory procedures. In the latter course students find themselves inoculating embryonated eggs and animals by various routes, preparing diagnostic antigens and performing neutralization and red agglutination tests. Later on, they absorb the importance of rickettsial and viral diseases by doing tissue culture, animal inoculation and serologic technics. This leads to such fascinating activities as growing one's own fleas! With all these bacteria and viruses floating around, large signs stating "Stay Out Unless Immunized" are a necessary protection and a warm welcome can be found on the other side of the door.

Research methods are not only taught but are practiced to an extensive degree. Research activities involve the staff in such far-distant places as Saudi Arabia, where an extensive program in the treatment and prevention of trachoma is being

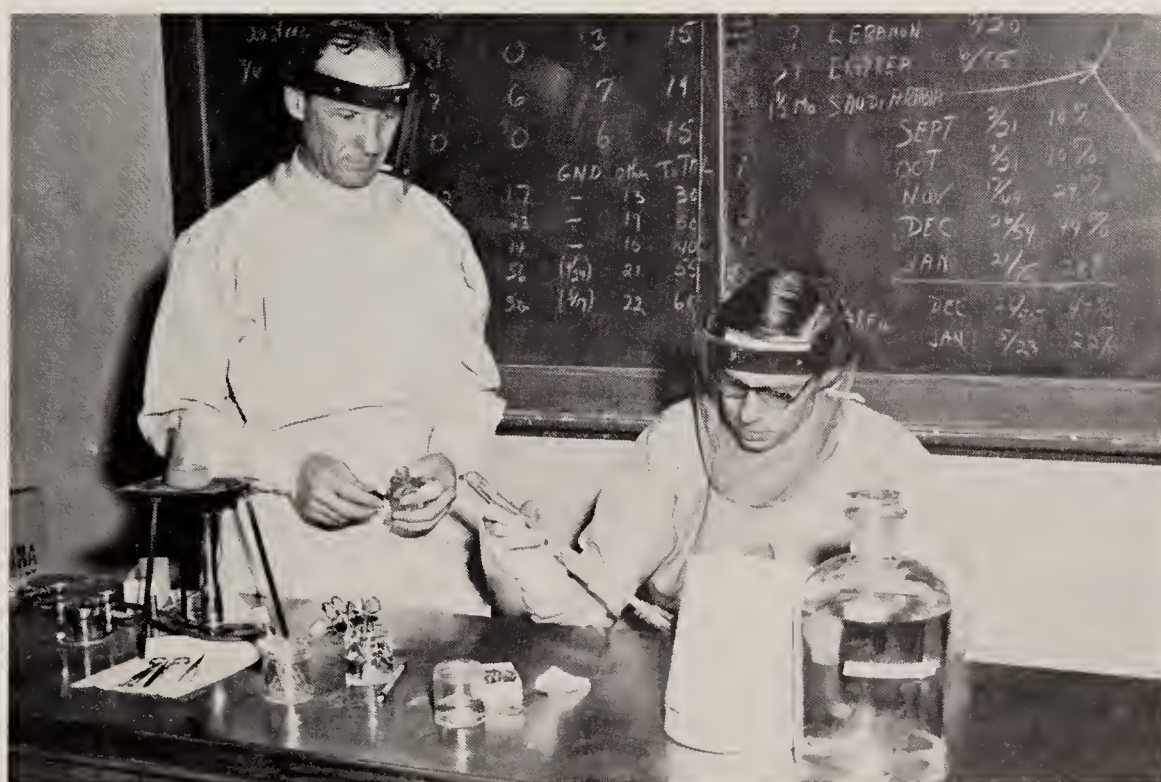


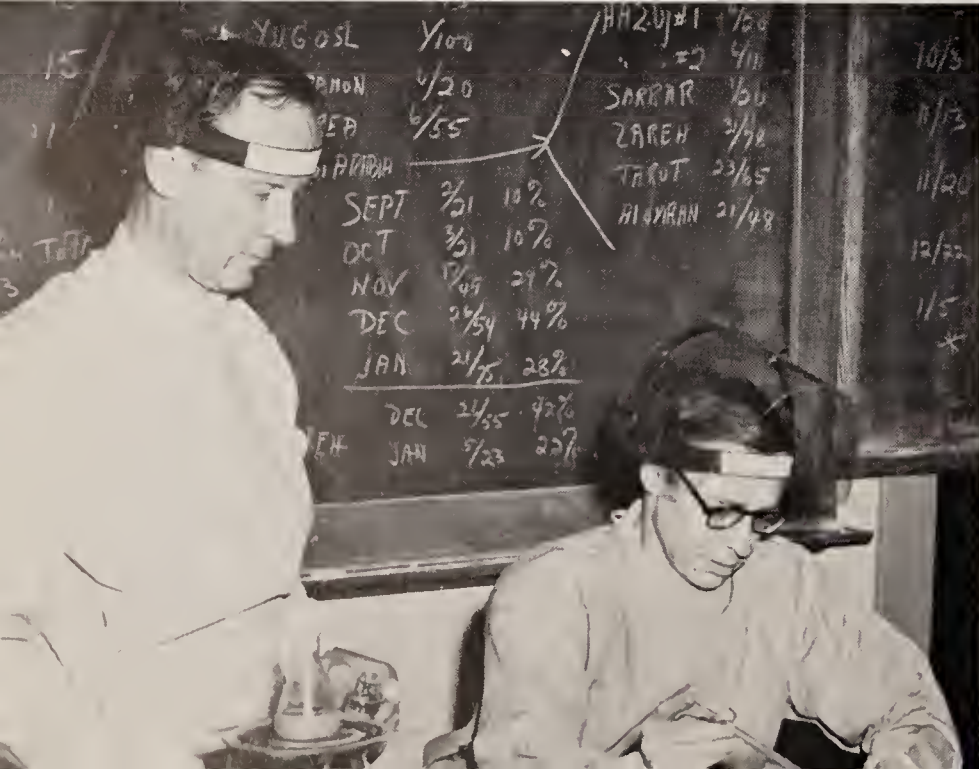
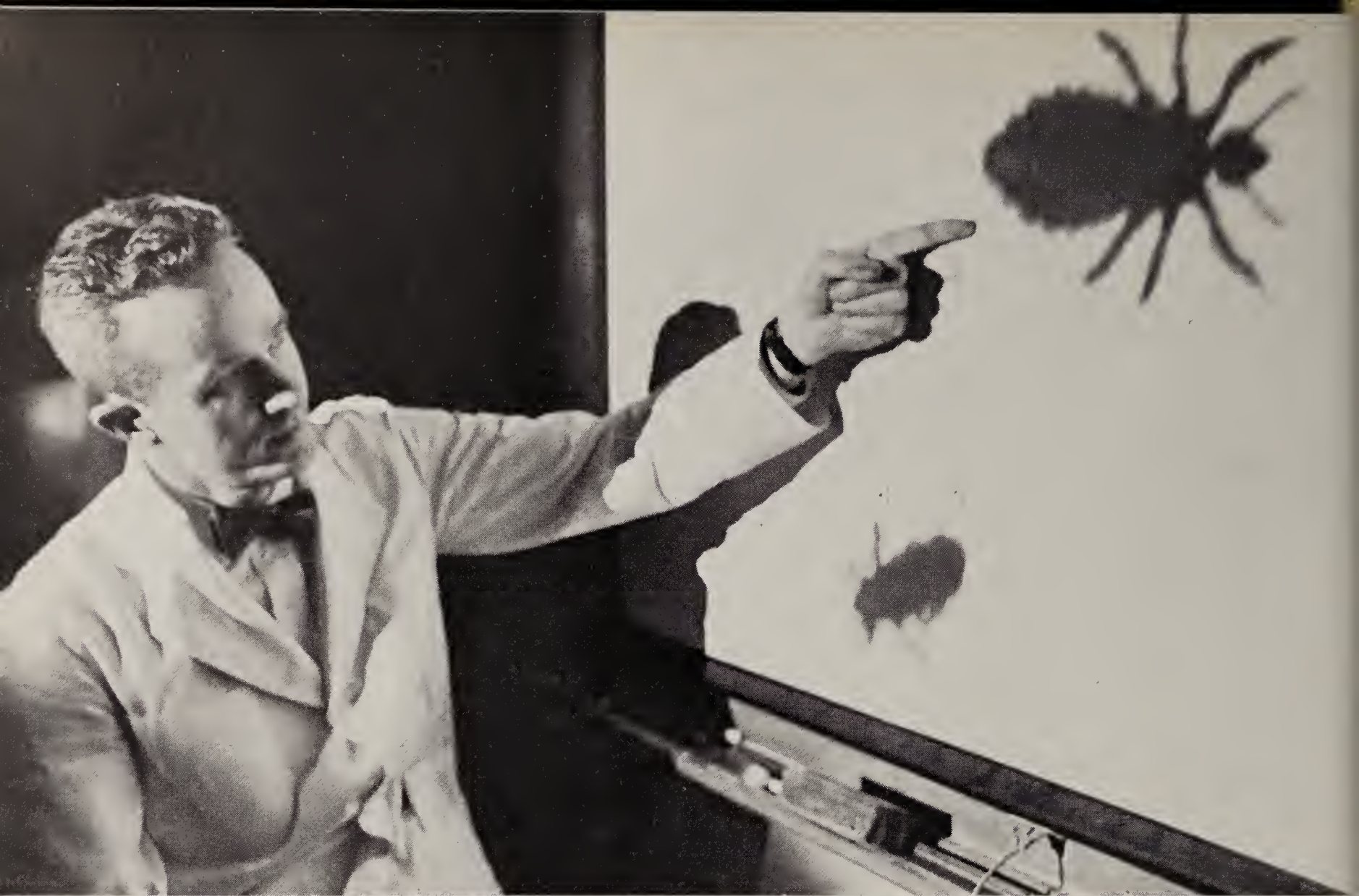
DR. CHANG AND DR. MURRAY

conducted, and Bosnia, Yugoslavia, where continued field studies of typhus are being done. At No. 1 Shattuck studies in the determination of the nutritive requirements of cells in tissue culture are being made. The agar slants and nutrient broths of former years have been succeeded by the roller culture tube and the embryonated egg.

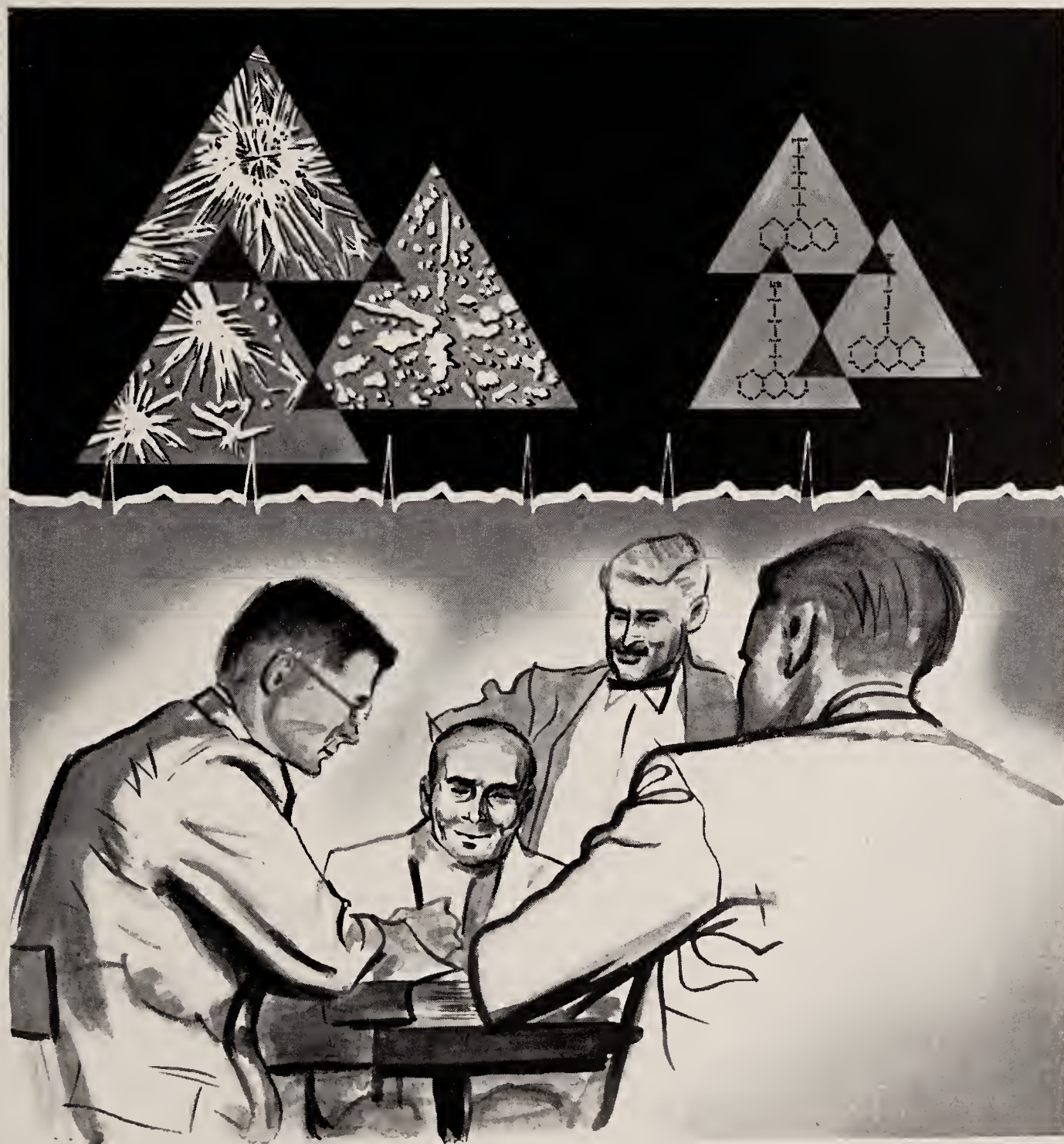
The Department of Microbiology works closely with the Departments of Epidemiology and Tropical Public Health in areas of common research and interest. Furthermore, by arrangement with the Massachusetts Department of Public Health, students may study in the Institutes of Laboratories, which include the biological laboratory, the Wasserman laboratory and the diagnostic laboratory.

DR. MURRAY
AND DR. BELL





NUTRITION





Clockwise from Dr. Stare (standing)—Drs. Trulson, Hegsted, Fillios, Van Itallie, Gershoff, Anliker, Sinisterra, Andrus, Bolliger, Nakamura, Portman, Vitale, Geyer and Tuller.

DEPARTMENT OF NUTRITION

FREDRICK J. STARE, S.M., Ph.D., M.D., A.M. (hon.), *Professor of Nutrition and Head of the Department*

DAVID M. HEGSTED, S.M., Ph.D., *Associate Professor of Nutrition*

ROBERT P. GEYER, S.M., Ph.D., *Associate Professor of Nutrition*

JEAN MAYER, B.A., Ph.D., D.Sc., *Associate Professor of Nutrition*

MARTHA F. TRULSON, S.B., M.P.H., S.D. in Hyg., *Associate Professor of Nutrition*

STEPHEN B. ANDRUS, S.B., M.D., *Assistant Professor of Pathology*

STANLEY N. GERSHOFF, A.B., S.M., Ph.D., *Assistant Professor of Nutrition*

OSCAR W. PORTMAN, S.B., M.D., *Assistant Professor of Nutrition*

JOSEPH J. VITALE, S.M., S.D. in Hyg., *Assistant Professor of Nutrition*

MARY Q. BOLLIGER, A.B., S.M., Ph.D., *Associate in Nutrition*

ELIZABETH K. CASO, S.M., *Instructor in Nutrition*

MARY B. MCCANN, S.B., M.P.H., *Instructor in Nutrition*

JAMES E. ANLIKER, S.M., Ph.D., *Research Associate in Nutrition*

LOUIS C. FILLIOS, A.B., S.D. in Hyg., *Research Associate in Nutrition*

F. RUSSELL OLSEN, A.B., *Research Associate in Nutrition*

THE Department of Nutrition carries out a program of teaching and research activities in fundamental and applied nutrition. They offer a course in the practical application of nutrition which is basic knowledge for all disciplines in public health. In addition, there are advanced courses in biochemistry and physiology of nutrition, dietary evaluation and human nutritional disease. Instruction is given in laboratory technics and students have an opportunity to do individual research projects.

A continuing interest in the problem of atherosclerosis involves the staff in the study of experimental atherosclerosis in cats, the role of sex hormones in cholesterol metabolism, the use of diets rich in essential fatty acids to reduce serum cholesterol in man, and dietary surveys as they relate to serum cholesterol in various occupational, ethnic, and hospital groups. Studies in the area of obesity involve clinical, experimental, and field methods. Problems involved in intravenous nutrition are being investigated. These include the preparation of a complete intravenous feeding mixture containing fat, protein, carbohydrate, vitamins, and minerals.

Mouse leukemia *in vivo* and *in vitro* is being studied. A series of studies of the growth and



DR. STARE

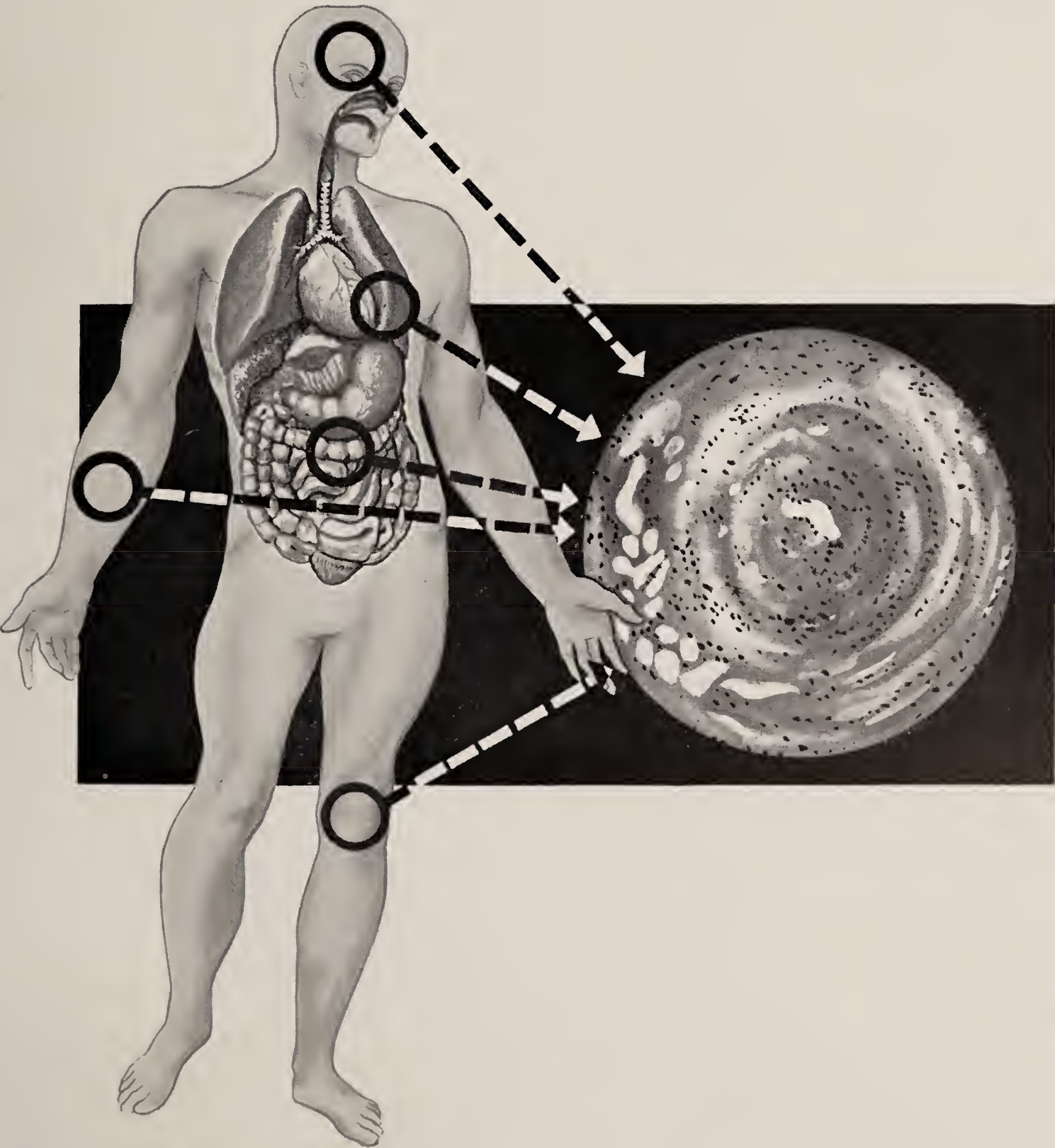
development of Peruvian children, nutritional surveys in cities and towns of Peru, and actual examinations of Peruvian diets are being carried out. A cooperative program of research in atherosclerosis in the monkey is being developed with the University of the Valle in Cali, Colombia. The Department is also developing plans for a study of "stress and strain" as related to coronary artery disease in man.

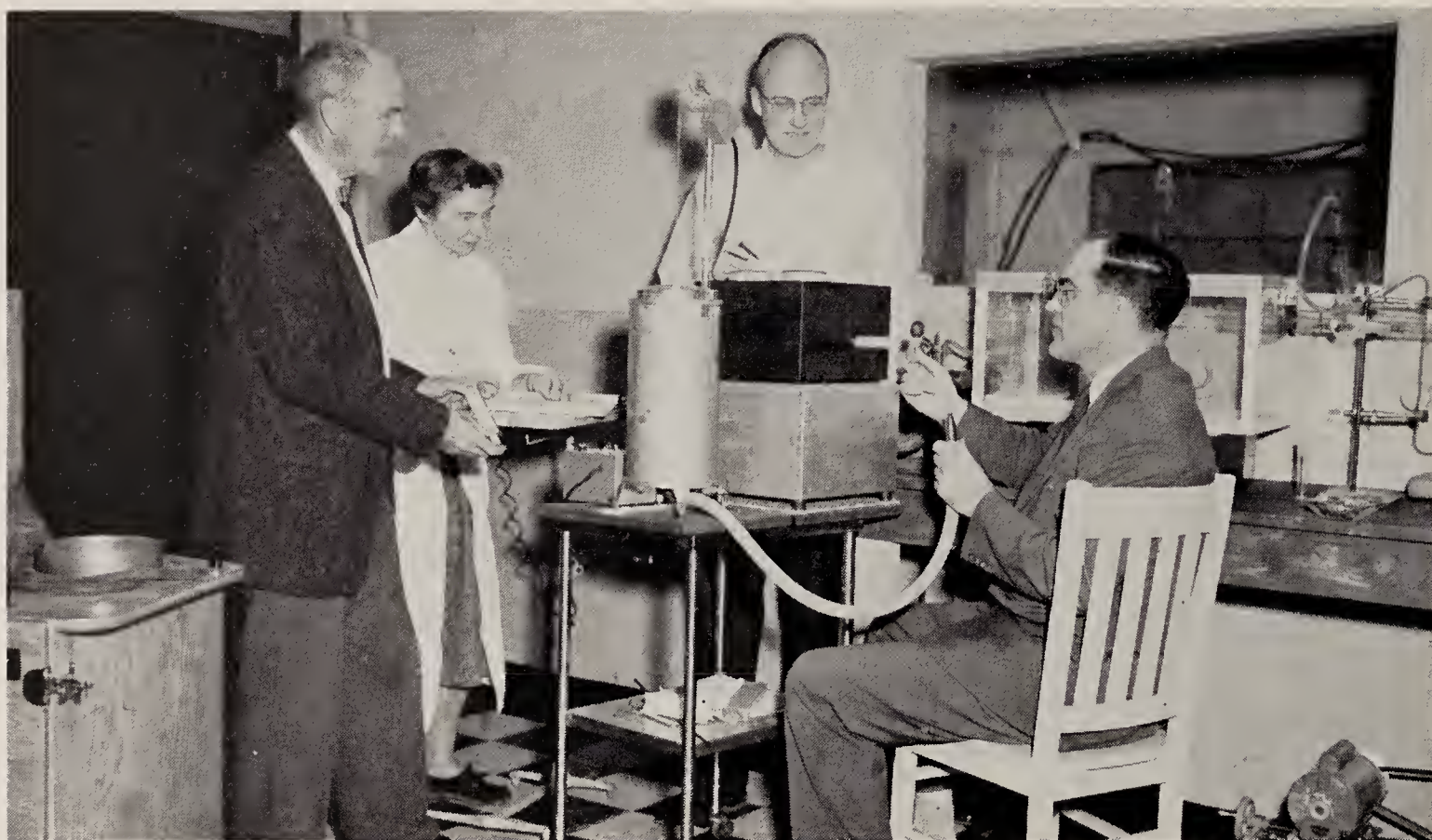
DR. MAYER AND STUDENTS





PHYSIOLOGY





Left to right—Dr. Forbes, Dr. Amdur, Dr. Mead, Dr. Whittenberger.

DEPARTMENT OF PHYSIOLOGY

JAMES L. WHITTENBERGER, S.B., M.D., *James Stevens Simmons Professor of Public Health, Professor of Physiology and Head of the Department*

JERE MEAD, S.B., M.D., *Associate Professor of Physiology*

WILLIAM H. FORBES, Dr.Phil., M.D., *Lecturer on Physiology*

BENJAMIN G. FERRIS, JR., A.B., M.D., *Assistant Professor of Physiology*

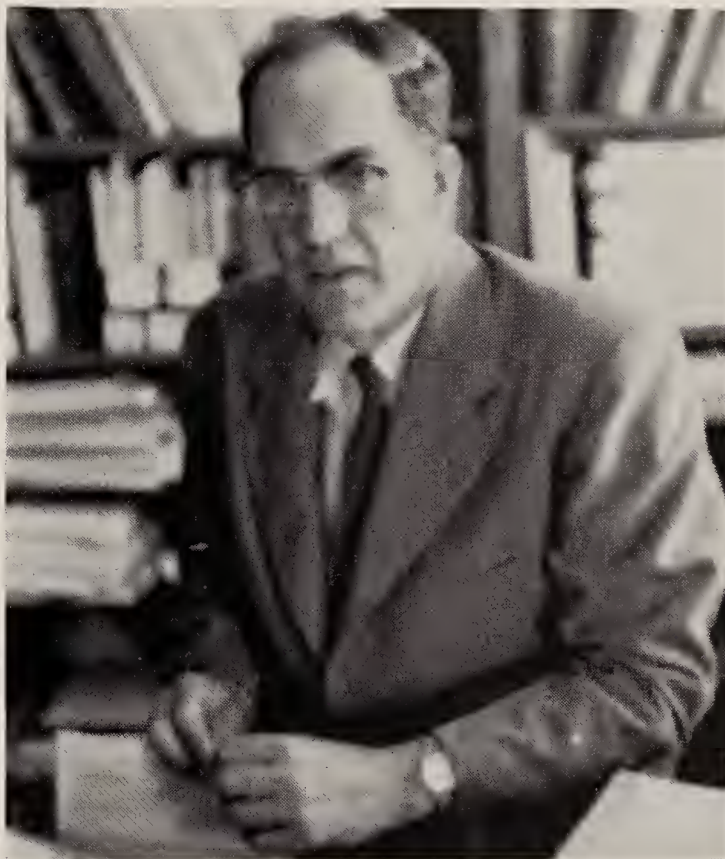
MARY O. AMDUR, S.B., Ph.D., *Assistant Professor of Physiology*

WILLEM S. FREDERIK, M.D., Ph.D., S.M. in Hyg., *Lecturer on Physiology*

N. ROBERT FRANK, A.B., M.D., *Instructor in Physiology*

IN its teaching and research programs the Department of Physiology is closely related to those dealt with in the Departments of Industrial Hygiene and Sanitary Engineering. Assistant Dean Whittenberger as Head of the Department leads a team of experts in the field of physiology. The major emphasis of current research in the Department is in respiratory and environmental physiology. Among these is one dealing with the effects on the lungs of irritant substances such as sulphur dioxide, formic acid, formaldehyde and acetic acid. Temporary physiological changes can be measured and used to study the responses of the lungs to these substances when given alone or in combination with innocuous aerosols. This work may furnish important leads to the study of the effects of smog.

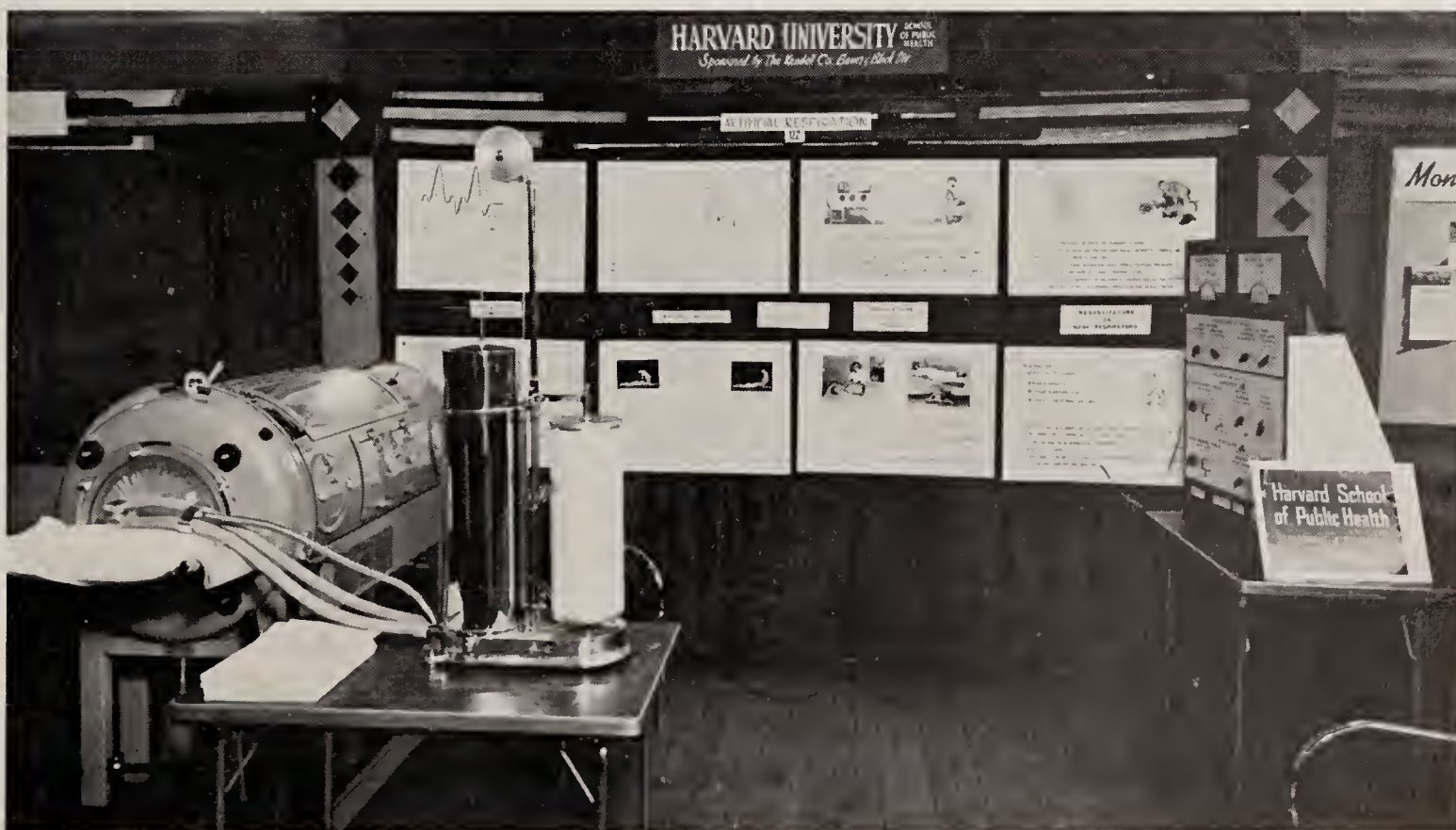
For many years the Department has been interested in the various methods of artificial respiration, for their significance in both anesthesiology and resuscitation. A review of mortality and morbidity rates in the Massachusetts polio epidemic of 1955 has been with regard to diagnostic categories and treatment methods. Work has recently been started on hyaline membrane disease of the lungs, which is one of the important causes of death in premature infants.

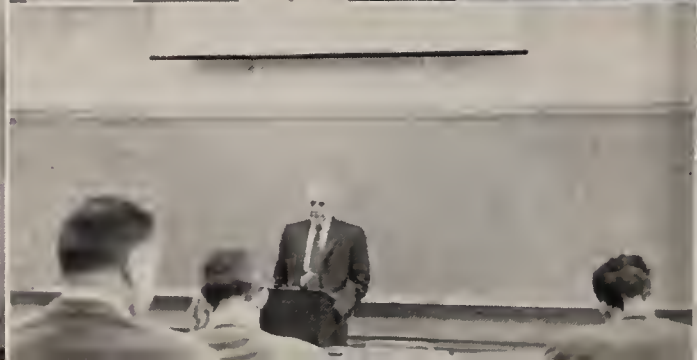
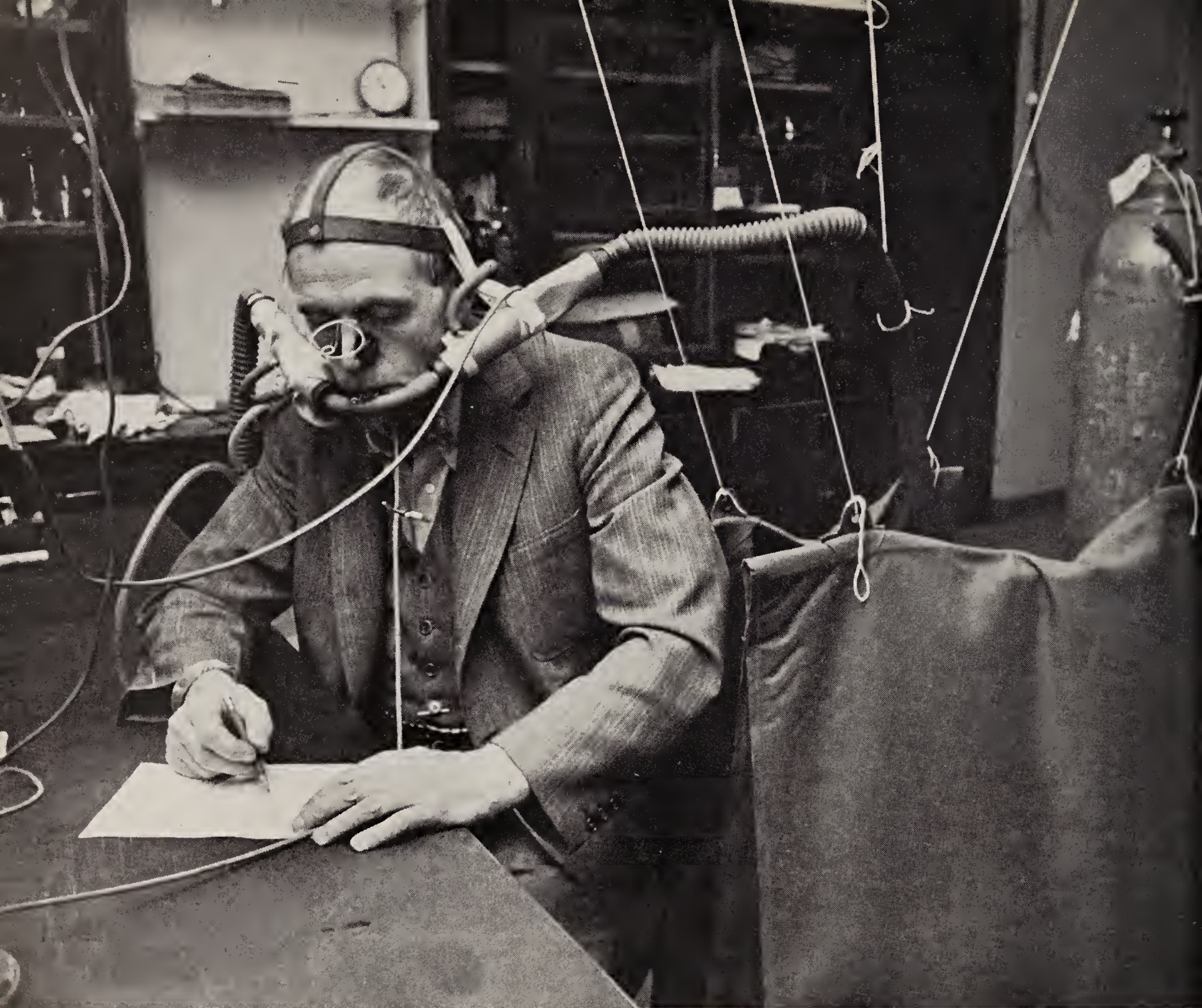


DR. WHITTENBERGER

A major effort of the Department, presently in the planning stage, is the development of a teaching and research program in radiation hygiene. The Department will also participate closely in the new Division of Environmental Health and Safety of the University Health Services.

EXHIBIT OF RESEARCH IN RESPIRATORY PHYSIOLOGY





PUBLIC HEALTH PRACTICE





Seated—Dr. Caplan, Dr. Snegireff, Dr. Leavell, Mrs. Breed, Dr. Paul.
Standing—Mrs. Amoroso, Dr. Plaut, Mrs. Ayres, Dr. Freeman, Dr. Young, Dr. Mason, Dr. Rosenberg, Dr. Levine, Mrs. Cumings, Dr. Shakhashiri, Dr. Frechette.

DEPARTMENT OF PUBLIC HEALTH PRACTICE

HUGH R. LEAVELL, S.B., M.D., Dr.P.H., *Professor of Public Health Practice and Head of the Department*

FRANZ GOLDMANN, M.D., *Associate Professor of Medical Care (absent 57-58)*

LEONID SNEGIREFF, M.D., Dr.P.H., *Associate Professor of Cancer Control*

GERALD CAPLAN, B.Sc., M.B., Ch.B., M.D., *Associate Professor of Mental Health*

BENJAMIN D. PAUL, A.B., Ph.D., *Associate Professor of Social Anthropology*

HELEN L. ROBERTS, A.B., M.D., M.P.H., *Lecturer on Public Health Practice*

OZZIE G. SIMMONS, S.B., Ph.D., *Lecturer on Social Anthropology*

ALFRED L. FRECHETTE, M.D., M.P.H., *Assistant Professor of Public Health Practice*

WARREN T. VAUGHAN, JR., S.B., M.D., *Assistant Professor of Mental Health*

ROY F. FEEMSTER, A.B., M.D., Dr.P.H., *Assistant Professor of Public Health Practice*

SOL LEVINE, Ph.D., *Assistant Professor of Social Psychology*

EDWARD A. MASON, A.B., M.D., *Assistant Professor of Mental Health*

MARJORIE A. C. YOUNG, S.B., M.Ed., Dr.P.H., *Assistant Professor of Health Education*

HARRY T. PHILLIPS, M.B., Ch.B., D.P.H., M.D., *Lecturer on Public Health Practice*

ZAKIN A. SHAKHASHIRI, M.Sc., M.D., M.P.H., *Lecturer on Public Health Practice*

MARY LEE INGBAR, S.B., Ph.D., M.P.H., *Lecturer on Economics*

HERBERT L. LOMBARD, A.B., M.D., M.P.H., *Instructor in Public Health Practice*

KENNETH I. E. MACLEOD, M.B., Ch.B., M.P.H., *Instructor in Public Health Practice*

PEARL P. ROSENBERG, Ph.D., *Instructor in Mental Health*

A. PAUL HARE, S.B., Ph.D., *Instructor in Mental Health*

BESSIE S. DANA, A.B., S.S.M., *Instructor in Public Health Social Work*

LEON J. TAUBENHAUS, A.B., M.D., M.P.H., *Instructor in Public Health Practice*

SIDNEY S. LEE, S.B., M.D., Dr.P.H., *Associate in Public Health Practice*

BARBARA AYRES, A.M., Ph.D., *Research Associate in Mental Health*

HOWARD E. FREEMAN, Ph.D., *Research Associate in Sociology*

ERICH LINDEMANN, Ph.D., M.D., *Professor of Psychiatry*

DEAN A. CLARK, B.A., B.Sc., M.D., *Clinical Professor of Preventive Medicine*

JAMES M. DUNNING, A.B., D.D.S., M.P.H., *Lecturer on Public Health Dentistry*

CECIL G. SHEPS, M.D., M.P.H., *Lecturer on Preventive Medicine*

WILLIAM J. CURRAN, LL.M., *Lecturer on Law*

CARRYING out the precept that the team approach is one of the cornerstones of modern public health, Dr. Hugh R. Leavell and his staff conducts a broad program of teaching, research and service to the local and national community. Dr. Leavell is assisted in the coordination of the numerous activities of the Department by the able hands of Dr. Zakin A. Shakhshiri who has been spending the current year on leave from the American University of Beirut, Lebanon, and Dr. Harry T. Phillips who has recently become Health Officer of Newton, Mass. The scope and complexity of the Department's interests is effectively dealt with by the divisions or units into which the Department has been set up. Specialists conduct courses and field activities in the areas of (1) Chronic Disease Control, (2) Public Health



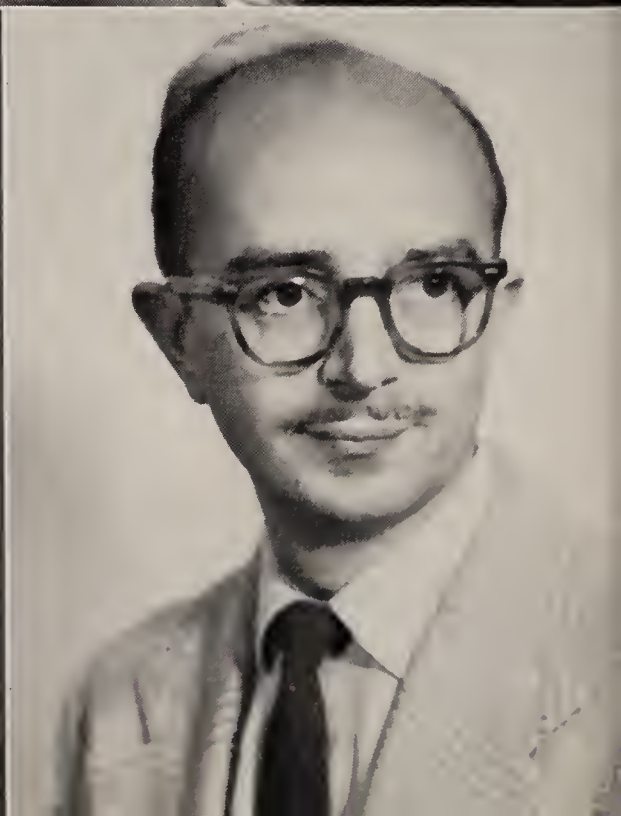
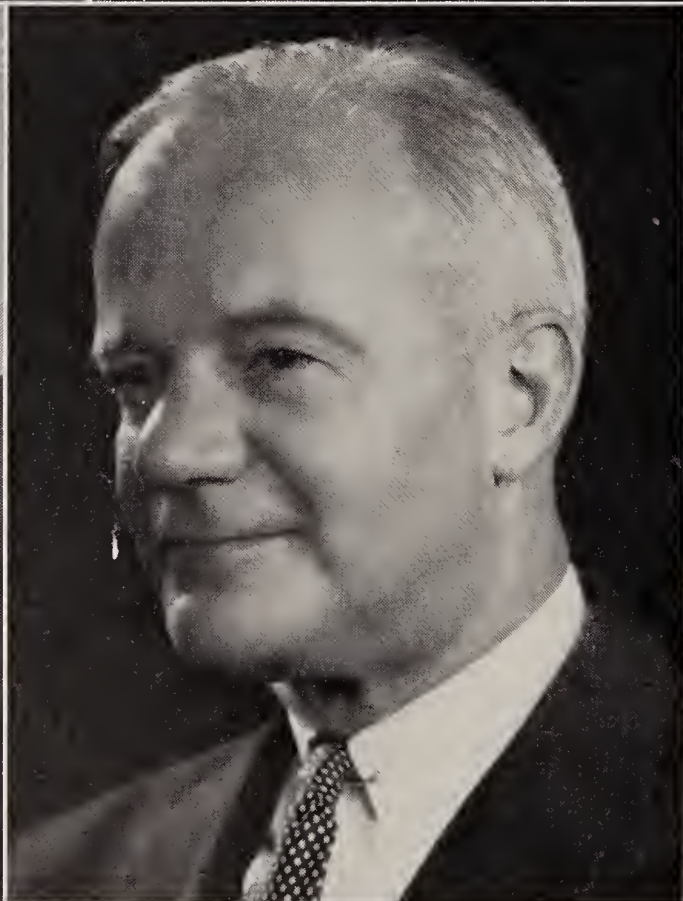
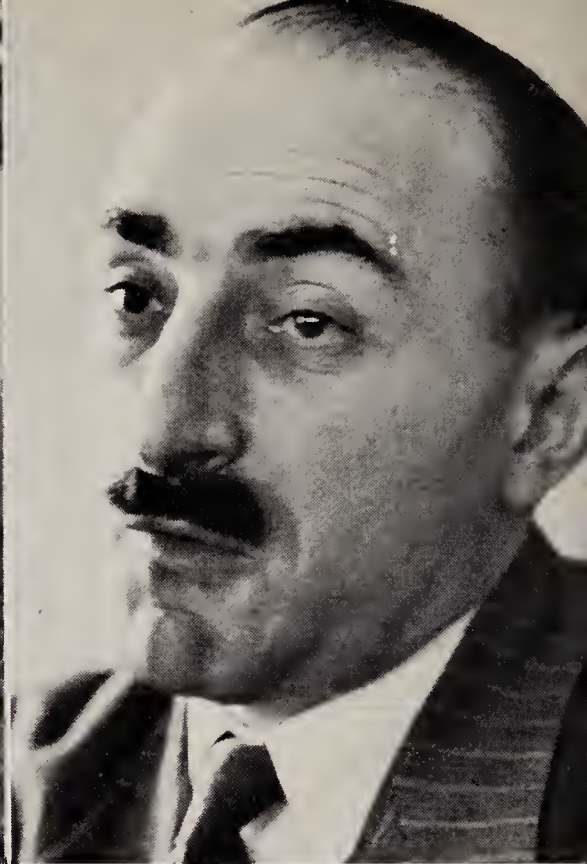
DR. LEAVELL

Training, (3) Health Education, (4) Medical Care Administration, (5) Mental Health, (6) Public Health Law, (7) Public Health Nursing, (8) Public Health Social Work, (9) Rehabilitation, (10) Consultation and Supervision. In addition, each division carries out a variety of special research projects.

All students are early exposed to PHP Ia,b in which basic principles and services of public health are elucidated. Following this course, majors in the department have their choice of more

CAPE COD SURVEY





specialized courses in the fields noted above. PHP 10c,d attempts to put into practice the principles previously considered with focus on the basic public administration "skills" and the basic public health services. Utilizing staff members of the other departments of the School, as well as personnel in many official and voluntary agencies, a series of teaching and field experiences is offered to the student. Opportunity for observation and participation in public health activity on the local, state, and national level is afforded. Field sessions are followed by "post-mortems" in which students discuss and analyze the administrative and managerial aspects of programs and services.

The nature of the research programs of the department is indicated by a partial listing of its activities. Under the direction of Dr. Gerald Caplan, the Whittier Street Family Guidance Center is carrying out a study to determine the reaction of families to stress induced by the birth of a baby which is premature or has a congenital abnormality, to see how they work out these problems. The interaction among the members of a multidisciplinary mental health team and nurses and physicians of the Boston Health Department is being observed, and an attempt made to build a collaborative relationship between the two groups.

Dr. Young and her associates in the division of Public Health Education are studying the use of community agencies in promoting industrial health education and are evaluating school health practices in one of the large towns of the Boston Metropolitan Area.

The Social Science Program under the general direction of Professor Benjamin D. Paul is engaged in a variety of teaching and research activities. Dr. Robert B. Reed, Dr. Sol Levine, and Dr. William Caudill share teaching responsibilities in the following courses: The Human Community (PH 1a,), Research Methods in Community Health (PH 40c,d) and Health and Illness in Cross-Cultural Perspective, which is given at the School in



DR. PHILLIPS

cooperation with the Department of Social Relations (SR 283). A number of research activities are being carried out by the division. These include (1) a study of community attitudes and reactions toward fluoridation in various towns of Massachusetts and other New England states, (2) case studies in the problems of local health organization in Massachusetts, New York and Pennsylvania are being conducted, (3) a survey of problems with which local health administrators have to deal. An interdisciplinary team is conducting a longitudinal community health study to investigate post-hospital adjustment of former mental patients.

The Social Work section, under the leadership of Professor Elizabeth Rice, presented courses in Social Work in Public Health, Rehabilitation, Government and Public Social Policy, and Supervision and Consultation.

Organization of Medical Care (PHP 2a,b) and Administration of Medical Care Programs (PHP 11c,d), in the absence of Dr. Franz Goldmann, have been directed by an Advisory Committee composed of Dr. Cecil G. Sheps, Dr. Dean A. Clark, Dr. Sidney S. Lee and Mr. Jerry Solon, with Dr. Mary L. Ingbar serving as coordinator.

PHOTOS ON OPPOSITE PAGE

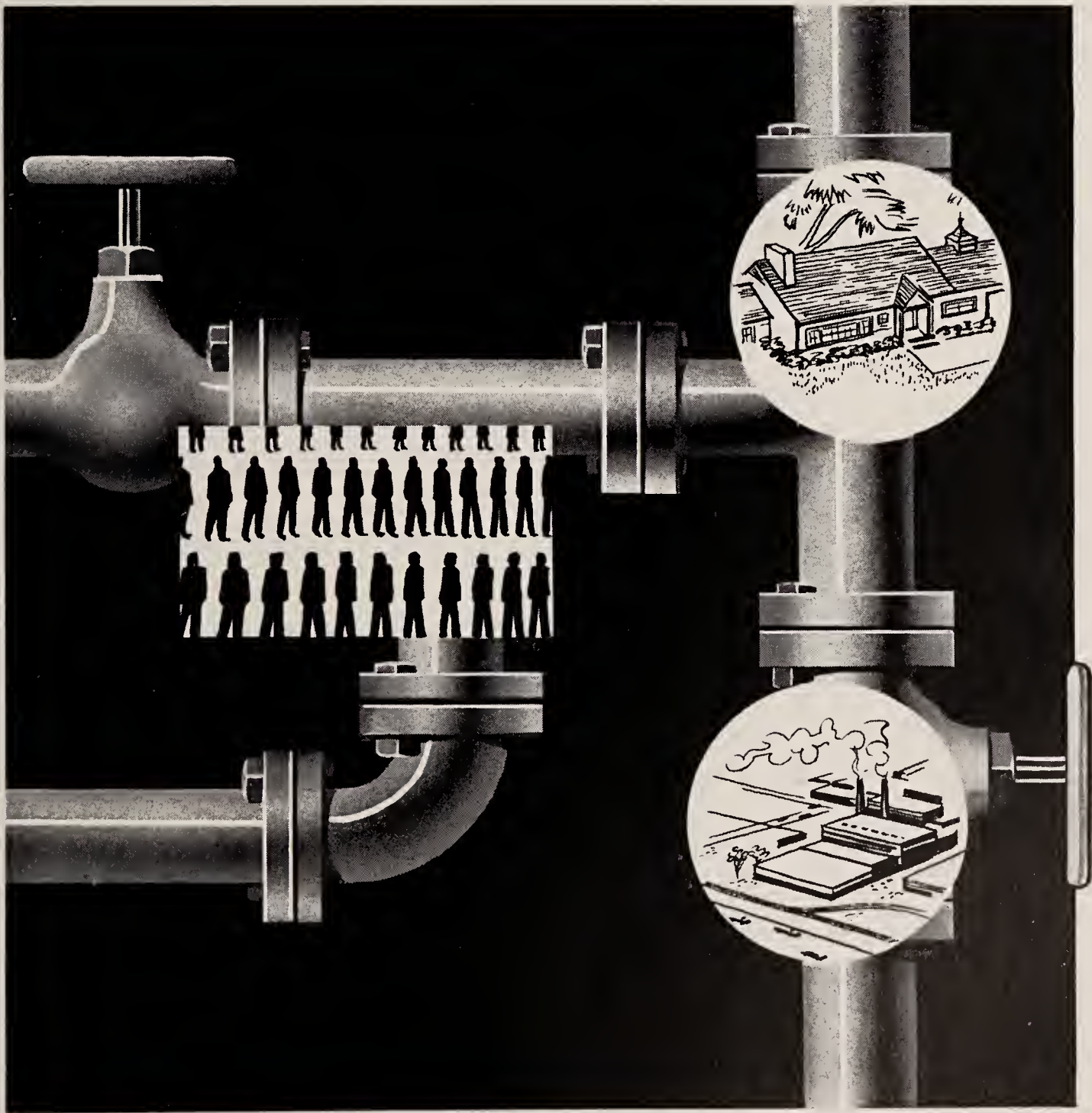
Top row—Dr. Paul, Dr. Snegireff, Dr. Caplan.

Second row—Dr. Goldmann, Dr. Clark, Dr. Leavell, Dr. Frechette.

Third row—Dr. Lee, Dr. Sheps, Mr. Solon.



SANITARY ENGINEERING





Dr. Thomas, Professor Fair, Dr. Moore, Dr. Morris.

DEPARTMENT OF SANITARY ENGINEERING

GORDON M. FAIR, S.B., S.M. (hon.), Dr.Ing. (hon.), *Abbott and James Lawrence Professor of Engineering, Gordon McKay Professor of Sanitary Engineering and Head of the Department*

HAROLD A. THOMAS, JR., S.D., *Gordon McKay Professor of Civil and Sanitary Engineering*

RALPH E. WHEELER, A.B., M.D., Dr.P.H., *Lecturer on Sanitary Biology*

J. CARRELL MORRIS, S.B., Ph.D., *Associate Professor of Sanitary Chemistry*

LEON A. BRADLEY, S.B., Ph.D., *Lecturer on Sanitary Engineering*

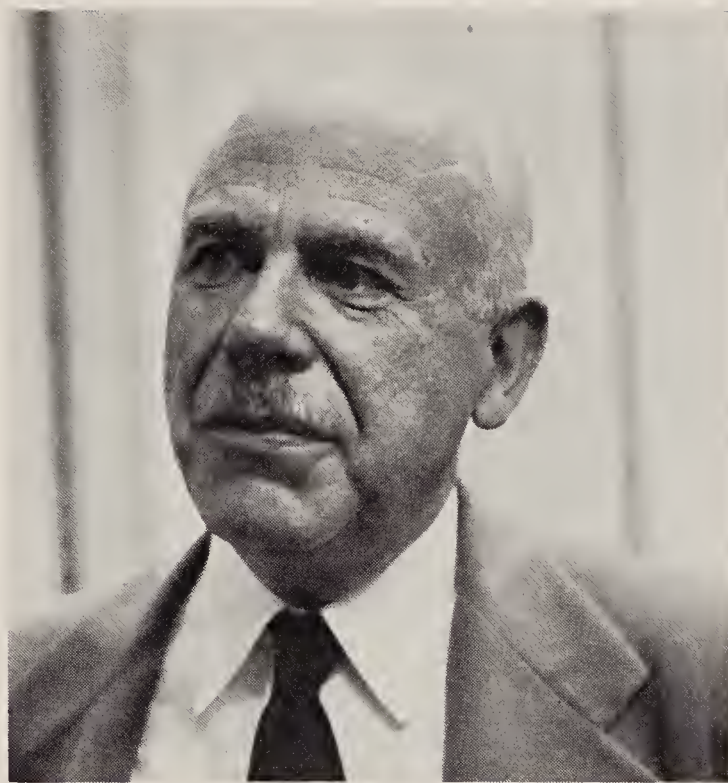
WILFRED B. KRABEK, S.M., *Instructor in Sanitary Engineering*

PROFESSOR GORDON M. FAIR, Head of the Sanitary Engineering Department, with the able cooperation of Drs. Harold A. Thomas, Jr., J. Carrell Morris and Leon A. Bradley, present the basic course Principles of Sanitation 1a. Here the broad principles of engineering useful in environmental control are discussed. Water supply and purification, sewerage and sewage treatment, refuse collection and disposal, and food, milk, and shellfish sanitation are among the subjects taken up.

Advance courses given by the Department include Sanitary Bacteriology and Sanitary Parasitology. In addition, courses may be taken in the division of Engineering and Applied Physics of the Graduate School of Arts and Sciences.

The Department, in addition to its teaching duties, is actually engaged in research projects which include (1) measuring the increase in radioactivity in streams and reservoirs resulting from disposal of atomic waste, (2) the use of cation and anion exchange resins for removing chemical warfare agents from water supplies, and (3) the use of quaternary ammonium compounds in aeration processes which may eventually replace the traditional methods of water treatment by coagulation and filtration.

Among the highlights of the 1a course were two field trips to the Cambridge water works and the Hood Milk Company. Free samples of ice



PROFESSOR FAIR

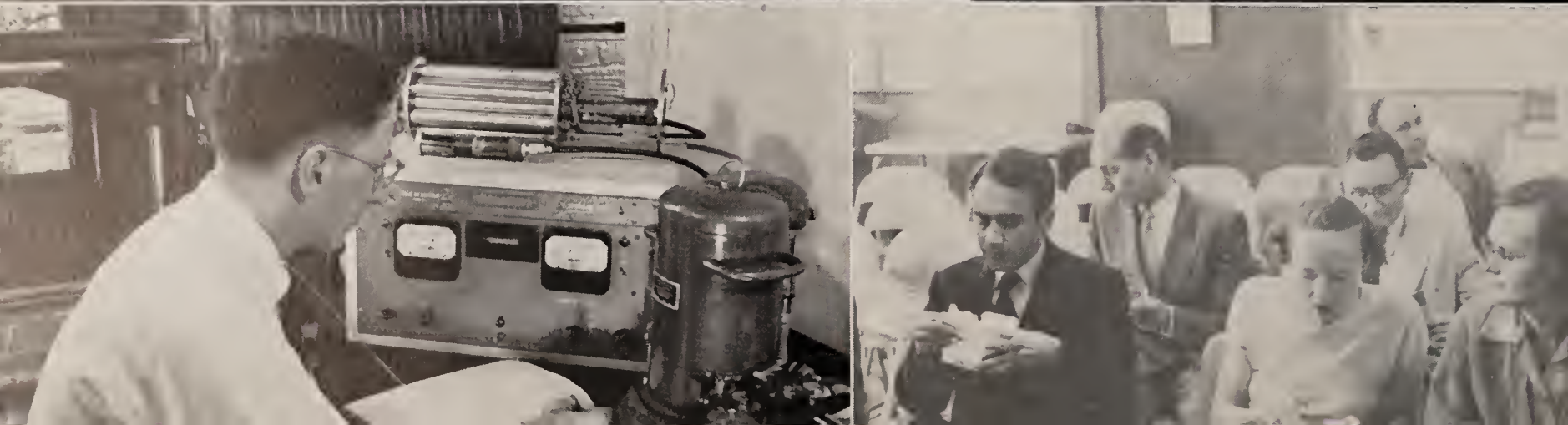
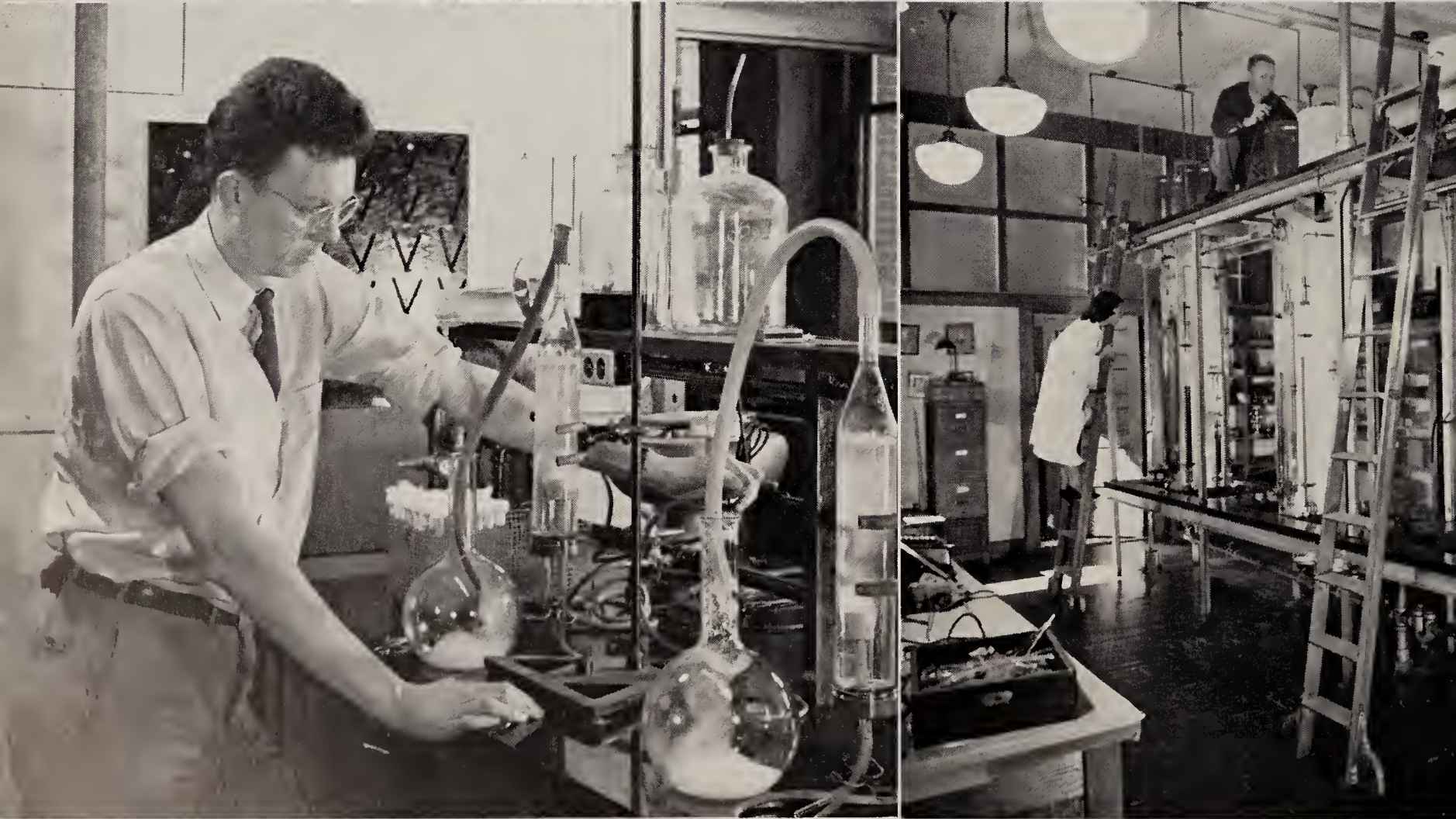
cream at the Hood Company gave practical evidence of the nature of the plant's activities.

Another highlight of the course was Professor Bradley's impassioned plea for better trained multipurpose sanitarians.

Despite the trepidation with which most of the group greeted the presentation of theories and complex formulae of chemistry, the principles and techniques of sanitation acquired by the students will undoubtedly be reflected in their future work.

DR. BRADLEY
DISCUSSES FOOD AND
MILK SANITATION





TROPICAL PUBLIC HEALTH





*Seated—Dr. Chernin, Dr. Weller, Dr. Augustine.
Standing—Dr. Pan and Dr. Michelson.*

DEPARTMENT OF TROPICAL PUBLIC HEALTH

THOMAS H. WELLER, A.B., S.M., M.D., LL.D., *Richard Pearson Strong Professor of Tropical Public Health and Head of the Department*

GEORGE G. SHATTUCK, A.B., M.D., A.M. (hon.),
Clinical Professor of Tropical Medicine, Emeritus

DONALD L. AUGUSTINE, S.B., S.D., S.D. (hon.),
A.M. (hon.), *Professor of Tropical Public Health*

FRANKLIN A. NEVA, S.B., M.D., *Assistant Professor of Tropical Public Health*

ELI CHERNIN, S.B., A.M., S.D., *Assistant Professor of Tropical Public Health*

CHIA-TUNG PAN, B.Sc., M.D., M.P.H., *Instructor in Tropical Public Health*

EDWARD H. MICHELSON, S.M., Ph.D., *Instructor in Tropical Public Health*

THE past year has provided evidence that this department continues its tradition of stimulating teaching methods and valuable research. Despite the fact that the Department of Tropical Public Health assumed the title in the School of Public Health as recently as 1949, its origins date back to 1896. Under the guidance of Nobel Prize Winner Dr. Weller, the present Department, in addition to its teaching responsibilities at the School, also conducts the second-year course in medical parasitology at the Medical School. Courses in the School of Public Health emphasize the epidemiological and control dimensions of tropical diseases. Further coordination with courses in Epidemiology and Microbiology will be accomplished next year. The growing demand for experts in the control of schistosomiasis has led to the initiation of a course in Medical and Public Health Malacology in the academic year, 1958-1959.

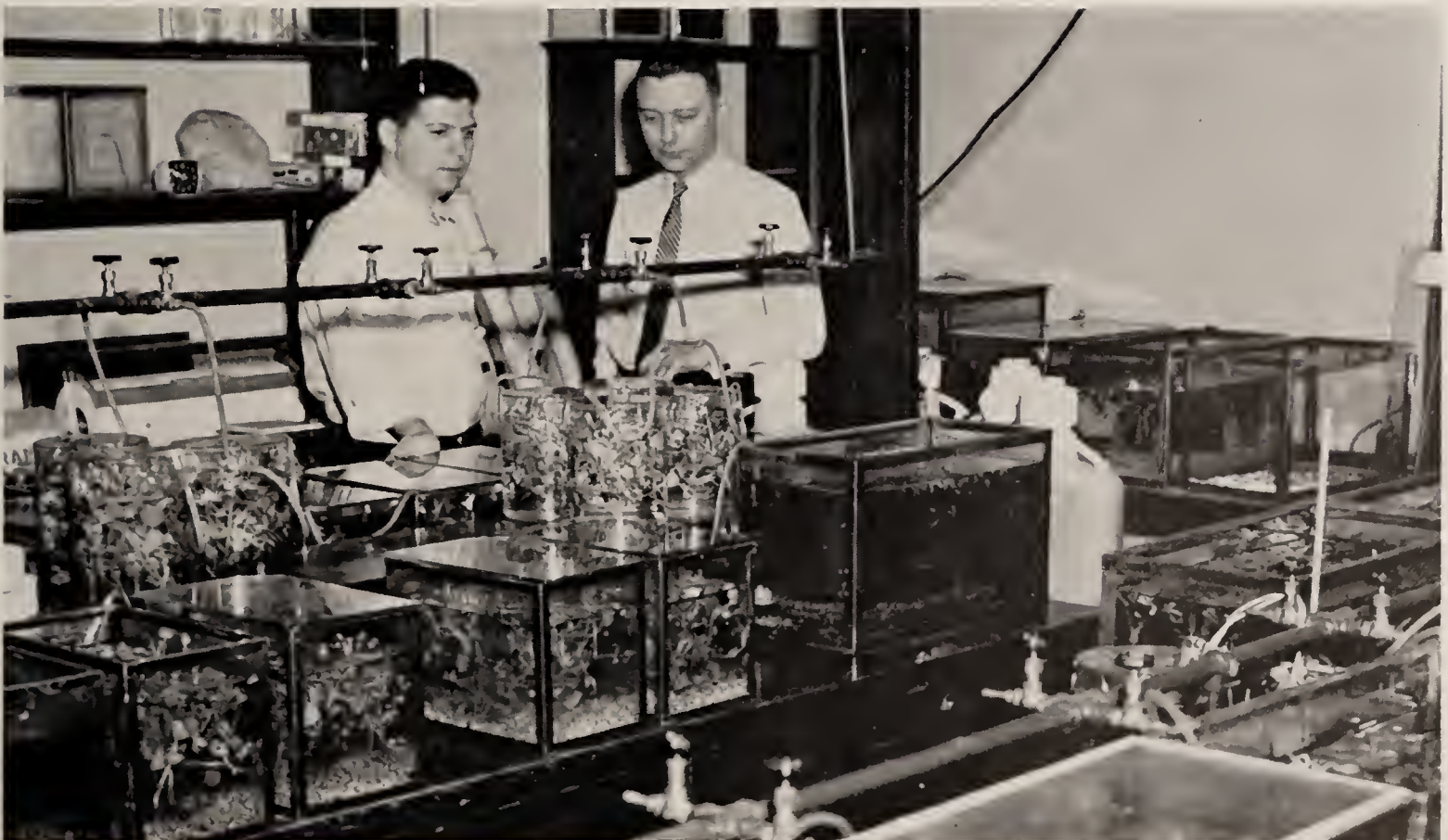
As a reflection of its broad interests, the Department is conducting a variety of research projects. These include a continuing study of the biology and control of snail vectors of schistosomiasis. Drs. Weller, Pan, Michelson, and Chernin are making contributions to various phases

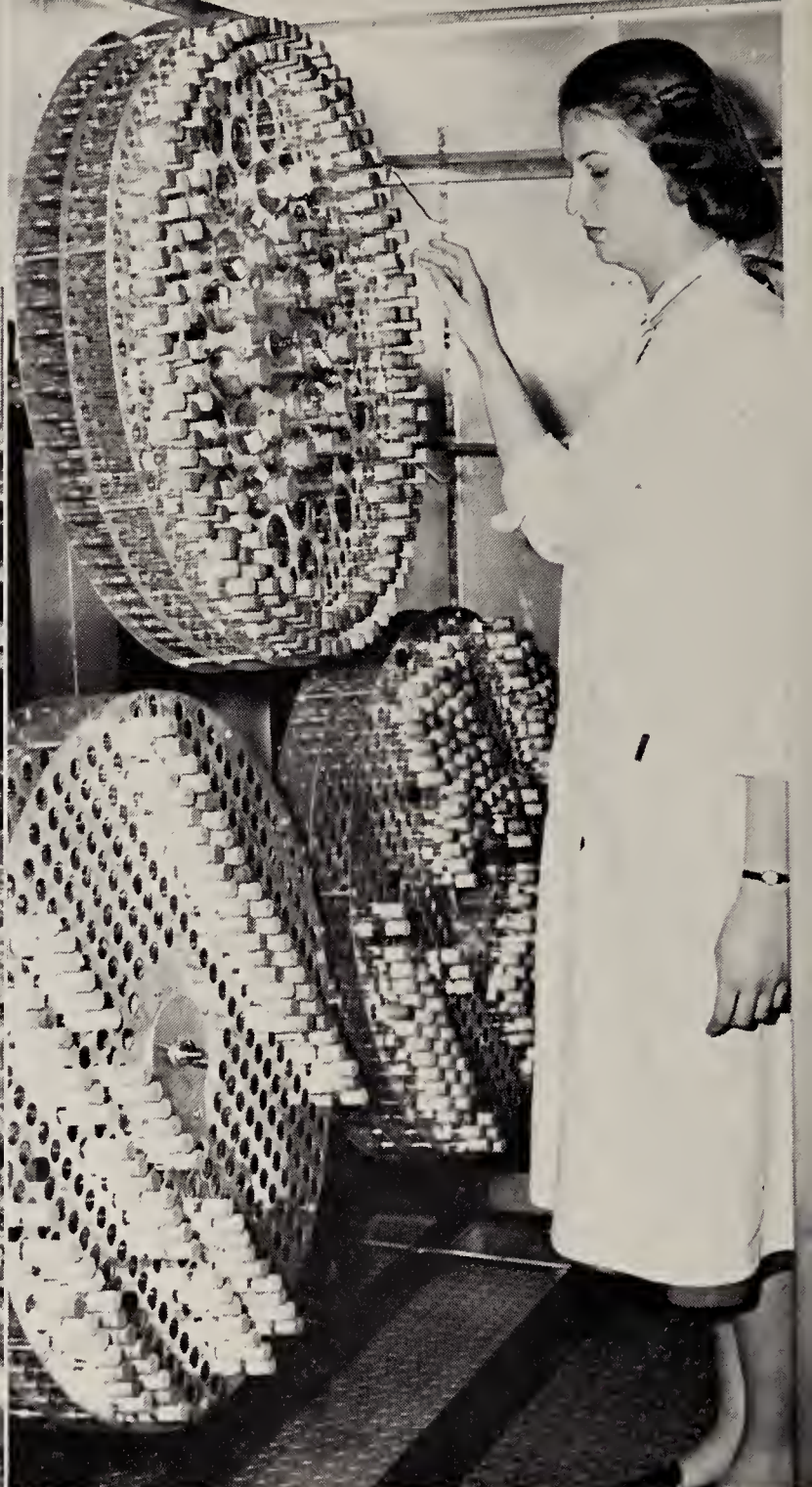


DR. WELLER

of this program. Studies on the behavior of *Trypanosoma cruzi* in tissue culture are being conducted by Dr. Neva. Dr. Pan has been investigating nuclear division in *Iodamoeba butschlii*. Dr. Weller has been continuing his work with the viruses of chicken-pox and herpes zoster. Work on cytomegalic inclusion disease, "Boston Exanthem Disease" and other virological diseases is also being carried on by the members of the Department.

DR. MICHELSON AND DR. CHERNIN







First row—Marilyn Braverman, Katherine Fitzpatrick, Janet Buckingham, Marjorie Hemming, Carol Goddard.

Second row—Audrey Stahl, Helen Sheehan, Margaret Salmon, Caroline Cassidy.

Third row—Elaine Andrews, Stefano Puleo, Olivia Brum, Claire Wasserboehr, Louise Henderson.

Fourth row—Marianne Sugarman, Marjorie Burns, Barbara Lowe, Judith Barr.

Fifth row—Judith Henry, Judith Sokoll, Stella Neiland, Joanne Kilbane.

SECRETARIES

BIostatISTICS—Miss Claire Wasserboehr.

EPIDEMIOLOGY — Miss Marjorie Hemming,
Miss Louise Henderson, Miss Caroline Cassidy.

INDUSTRIAL HYGIENE—Miss Marianne Sugarman, Miss Marilyn Braverman.

MATERNAL AND CHILD HEALTH—Miss Audrey Stahl, Miss Olivia Brum, Mrs. Judith Barr, Miss Terry Takakura, Miss Elaine Andrews, Miss Marjorie Burns, Miss Christina MacAskill.

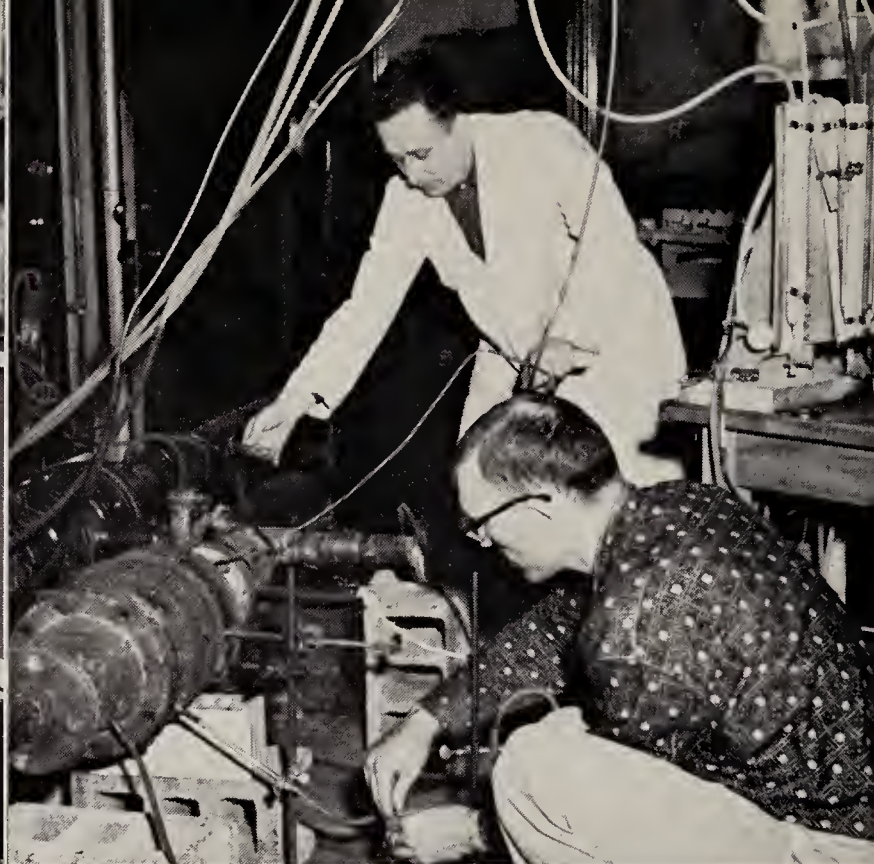
NUTRITION—Miss Janet Buckingham, Miss Carol Goddard.

MICROBIOLOGY—Mrs. Irene Forbes, Miss Joy Roberts.

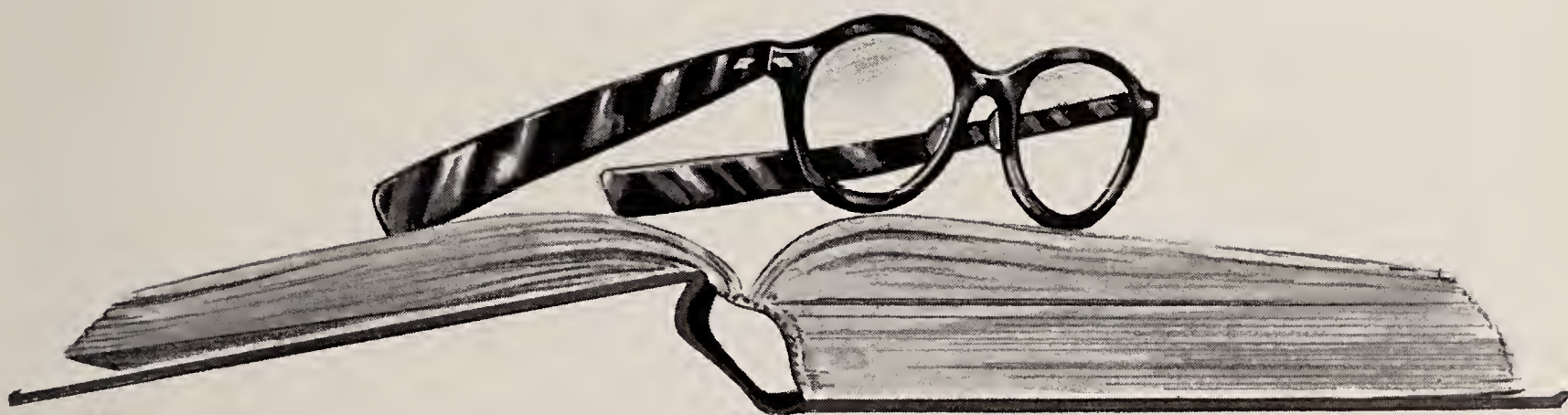
PHYSIOLOGY—Miss Stefana Puleo.

TROPICAL PUBLIC HEALTH—Miss Margaret Mahoney.

PUBLIC HEALTH PRACTICE—Mrs. Martha Breed, Mrs. Agnes Neville, Mrs. Judith Sokoll, Miss Vivienne Huber, Mrs. Helen Sheehan, Miss Margaret Salmon, Mrs. Barbara Lowe, Miss Judith Barnett, Miss Katherine Fitzpatrick, Mrs. Judith Henry, Miss Joanne Kilbane.



CLASS OF 1958





KATHERINE LOVEJOY AKIN

B.A.; 220 South Bartow St., Cartersville, Ga.; Public Health Practice—Assoc. Dir., Div. of P. H. Nursing, Ga. Dept. of P. H.



ARNE N. O. ASTRÖM

M.D.; Dept. of Phys., Karolinska Inst., Stockholm, Sweden; Harvard—Guggenheim Center of Aviation Health and Safety; Asst. Prof., Dept. of Phys., Karolinska Inst.



JAY PAXTON BARTLETT

B.S., M.D.; Ogden, Utah; Epidemiology—Private Practice.



TOR BJERKEDAL

M.D.; Eikskollen 2A, RøA, per Oslo, Norway; Epidemiology—Research Associate, Oslo University.

WILLIAM JEFFERSON BRAYE, JR.

B.A., D.D.S.; 4420 31st St., Arlington, Va.; Public Health Practice—
Former Position: Dental Consultant, Train. Br., Div. of Personnel,
OSG, USPHS; Next Position: Div. of Dental P. H., USPHS, Wash-
ington, D. C.



IVO BRODAREC

M.D.; N. Grskovica 29, Zagreb, Yugoslavia; Epidemiology—Director,
Central Inst. of Hygiene, Zagreb.

RANDOLPH CATLIN, JR.

M.D.; Red Acres Farm, Charlottesville, Virginia; Aviation Medicine—
Flight Surgeon, USAF.



FELIX COHEN

M.D.; 28 Evelyn Road, Waban 68, Mass.; Public Health Practice;
Private Practice—Psychiatry.



WILLIAM NORVEL COOK

A.B., M.D.; Forrest Hills, Columbia, Tennessee; Public Health Practice—Director, Maury County Health Department, Columbia, Tenn.



W. CLARK COOPER

M.D.; c/o 1014 Broadway, Cincinnati 2, Ohio; Epidemiology—Chief, Occupational Health Field Hqtrs., USPHS, Cincinnati, Ohio.



LISE F. DAVIGNON

M.D.; 558 Rockland Ave., Outremont 8, Montreal, Canada; Epidemiology; Asst. in Prev. Med. Dept., Inst. of Microbiology and Hygiene, University of Montreal.

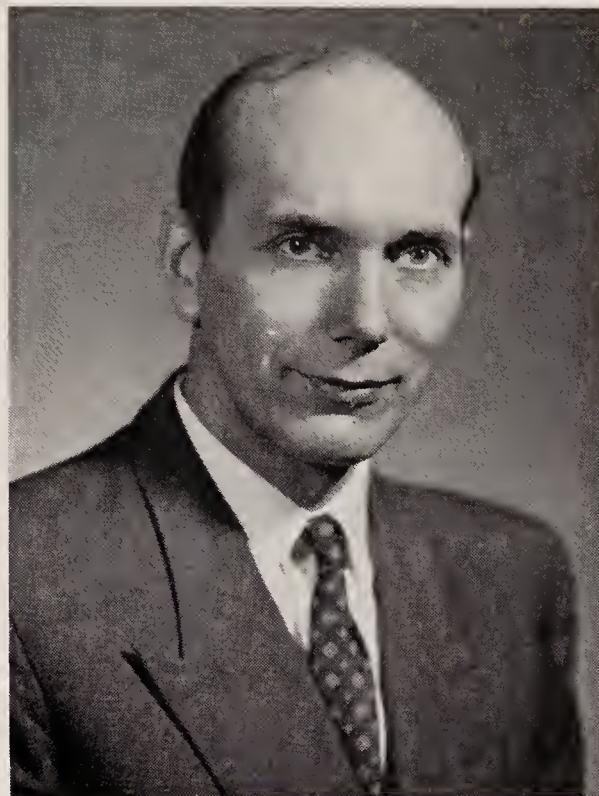
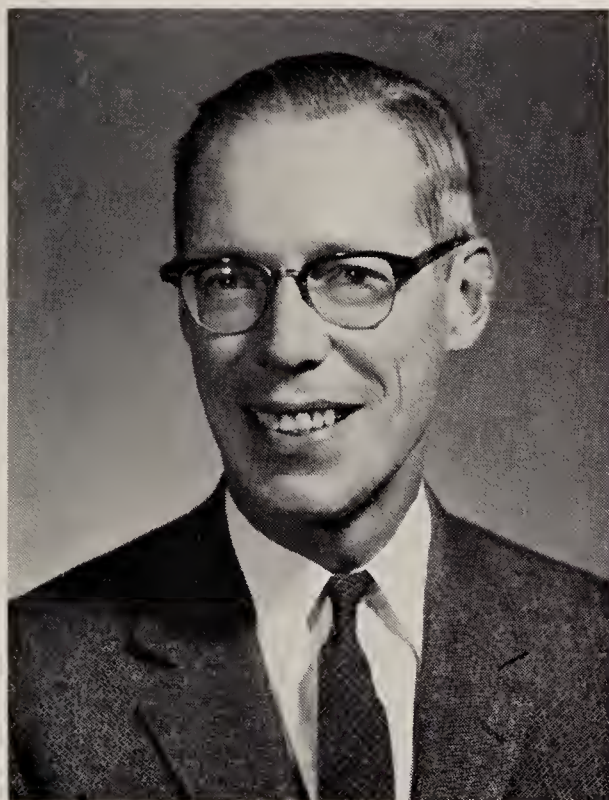


PHYLLIS Q. EDWARDS

M.D.; 1178 Laurel St., Berkeley, Calif.; Epidemiology—Tbc. Research, USPHS, Washington, D. C.

EILERT H. EILERTSEN

M.D.; Bergen, Norway; Epidemiology—Director, Tuberculosis Dept., Bergen P. H. Centre, Bergen, Norway.

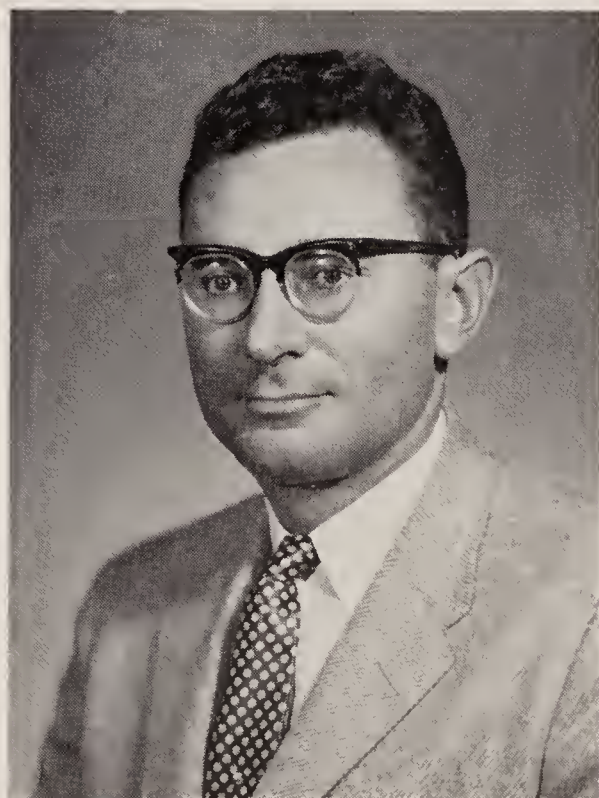


CARL L. ERHARDT

B.B.A., M.P.A.; 8375 Woodhaven Blvd., Woodhaven 21, N. Y.; Biostatistics—Director of Statistics, New York City Dept. of Health.

STANISLAS G. FLACHE

M.D.; UNRWA Hqtrs., Maison UNESCO, Beirut, Lebanon; Public Health Practice—Deputy Chief, Health Division, UNRWA.



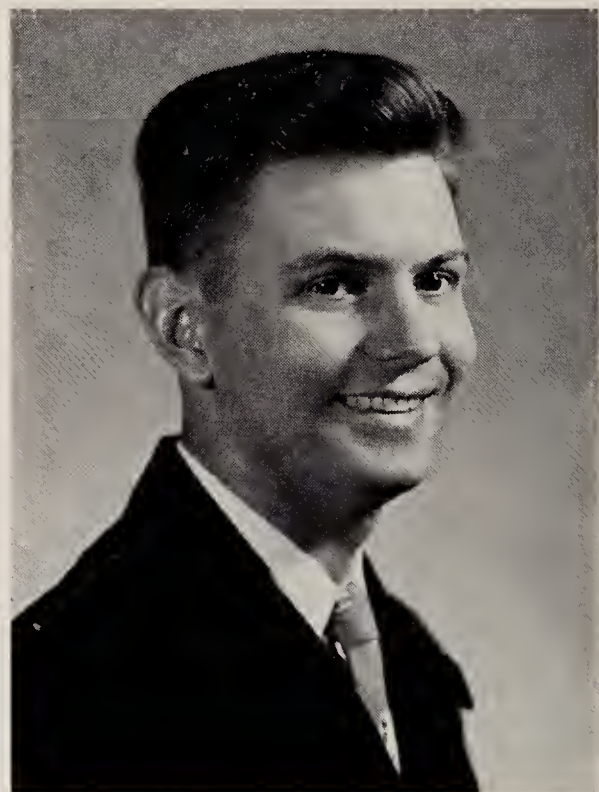
ARTHUR J. FOEHRENBACH

A.B., M.S.S.; 556 Washington Ave., Albany 6, N. Y.; Public Health Practice—Social Work Consultant, N. Y. State Dept. of Health, Albany, N. Y.



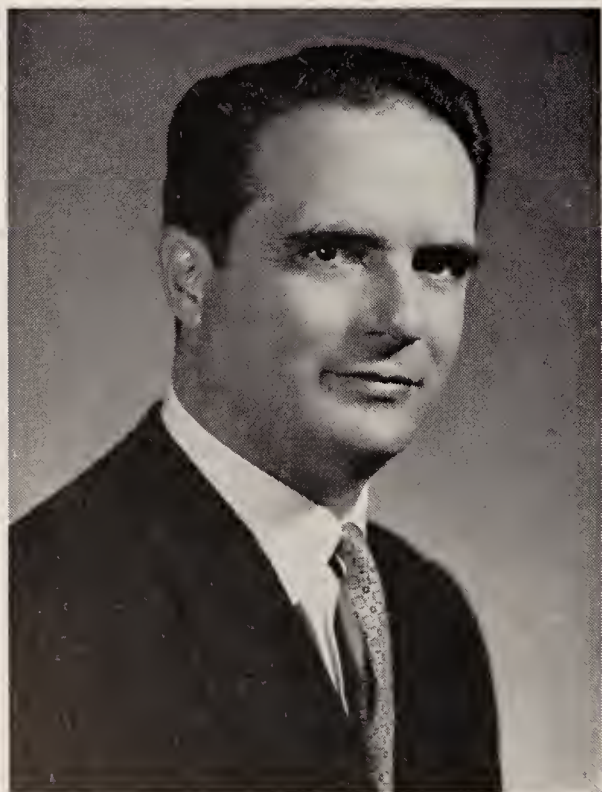
MARIA HELENA C. C. FREITAS

M.D.; Avenida Almirante Reis 61-2°, Lisbon, Portugal; MCH—Chief, Dispensario Materno-Infantil N° 9, Santa Casa Da Misericordia, Lisbon.



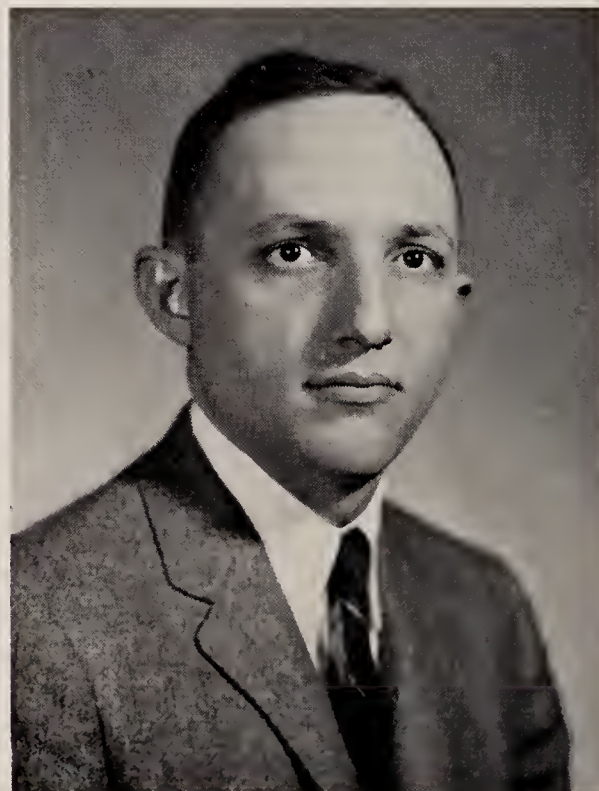
ROBERT V. FULTYN

B.S., M.S.; 2941 W. 59th St., Chicago, Ill.; Industrial Hygiene; U. S. Navy.



ARTUR PISTACCHINI GALVAO

M.D.—Rua Heliodoro Salgado Ac, Oeiras, Portugal; Public Health Practice—Staff Psychiatrist, Hospital Julio De Matos, Lisbon, Portugal.

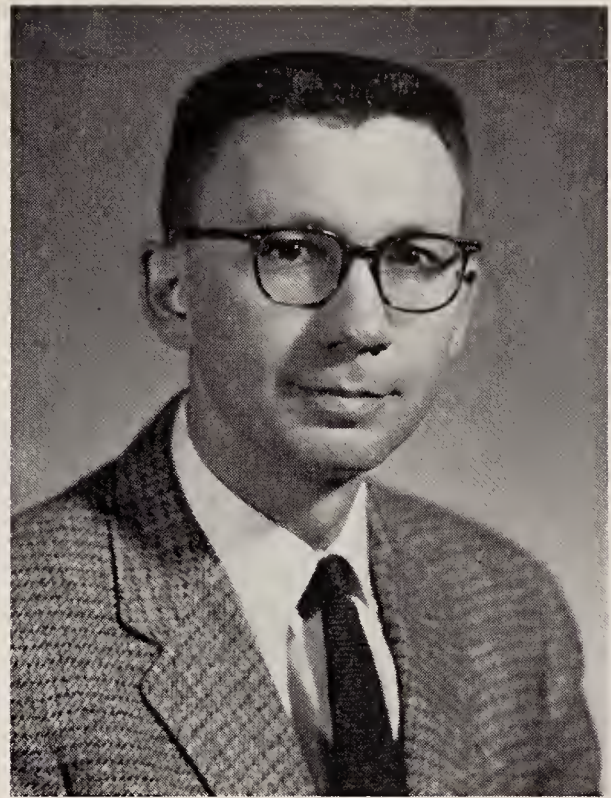


WILLIAM M. GROTON

M.D.; 82 Thornton Road, Chestnut Hill 67, Mass.; Epidemiology—Staff, Lemuel Shattuck Hospital, Boston, Mass.

ARTHUR HANDLEY, JR.

B.C.E.; RFD 2, Averill Park, N. Y.; Public Health Practice—Senior Public Health Engineer, Rensselaer County Health Dept., N. Y.

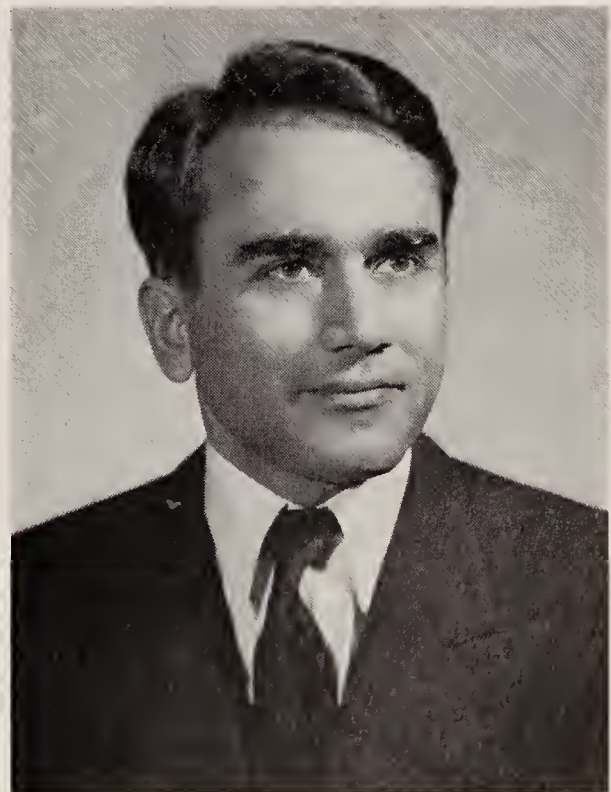
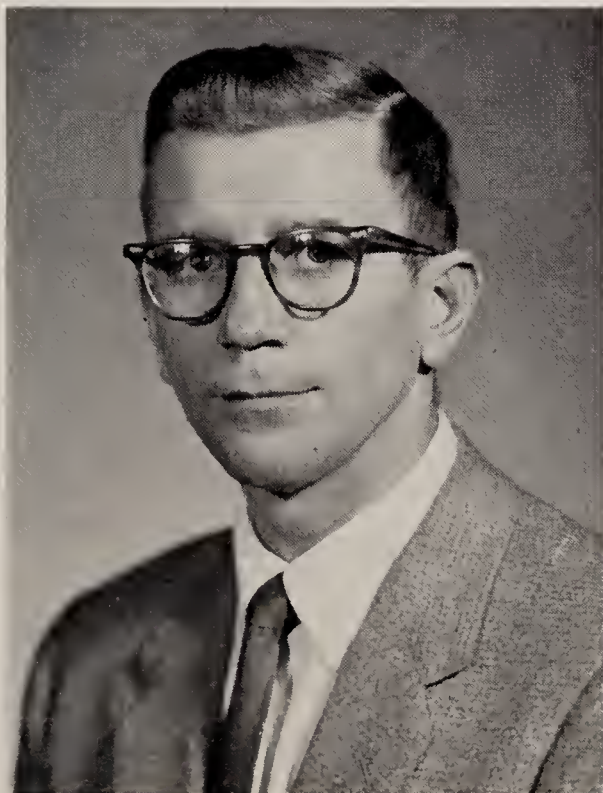


RICHARD D. HANSEN

B.S., M.D.; 2020 E. 3rd Ave., Bloomington, Ind.; Aviation Medicine—Former Position: Chief, Aviation Medicine, 20th Tactical Hosp., Essex, England; Next Position: School of Aviation Med., Randolph AFB, Texas.

SHUBBAR HASAN

B.S., M.B., B.S., T.D.D.; 11 Temple Road, Lahore, Pakistan; Public Health Practice—Principal Med. Officer (Tbc.), Department of Health Services, West Pakistan.



GERHARDT C. HASS

B.Ch.E.; 1843 Berryman St., Berkeley, Calif.; Industrial Hygiene—Associate Sanitary Engineer, California Dept. of Public Health.



LINDA LEE HAYS

B.S., M.S.; 1434½ Cherokee Road, Louisville, Kentucky; Public Health Practice—Asst. Director, Health Education, Kentucky State Dept. of Health.



MARION E. HIGHRITER

B.A., M.N.; 119 Hanover St., Wilkes-Barre, Pa.; Public Health Practice—Former Position: Public Health Nurse, Sapkyo, Korea; Next Position: USPHS.



LEON HORING

B.S., M.D.; Constituyente 1978, Montevideo, Uruguay; Epidemiology—Class Assistant, Dept. of Prev. Med., School of Medicine, Montevideo.

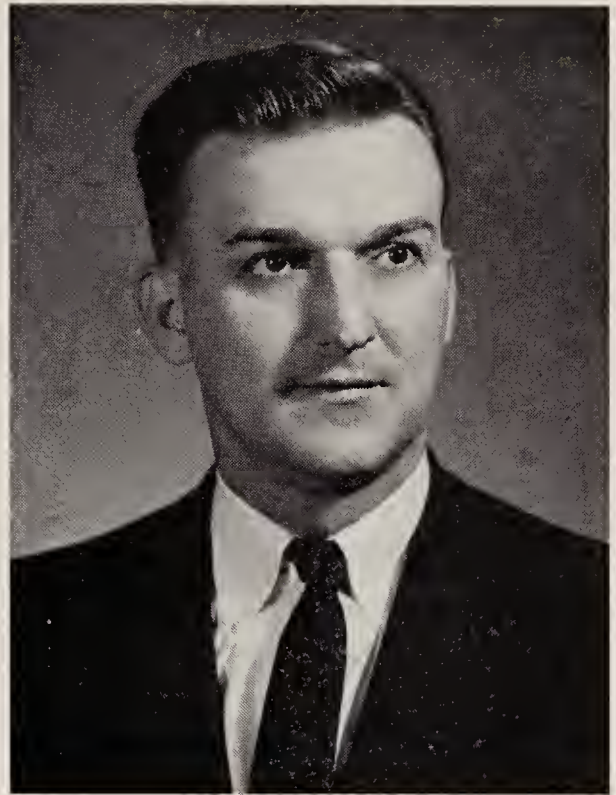


LAKSHMI KANT

M.B., B.S., D.P.H., D.T.M. & H., D.I.H.; Village Bhagwan Pox, India; WHO Medical Consultant, Nepal, India; Deputy Director, Health Services, Bihen, India.

CLARENCE J. KASALES

M.D.; Tamaqua, Pennsylvania; MCH—Pennsylvania Department of Health, Harrisburg, Pa.

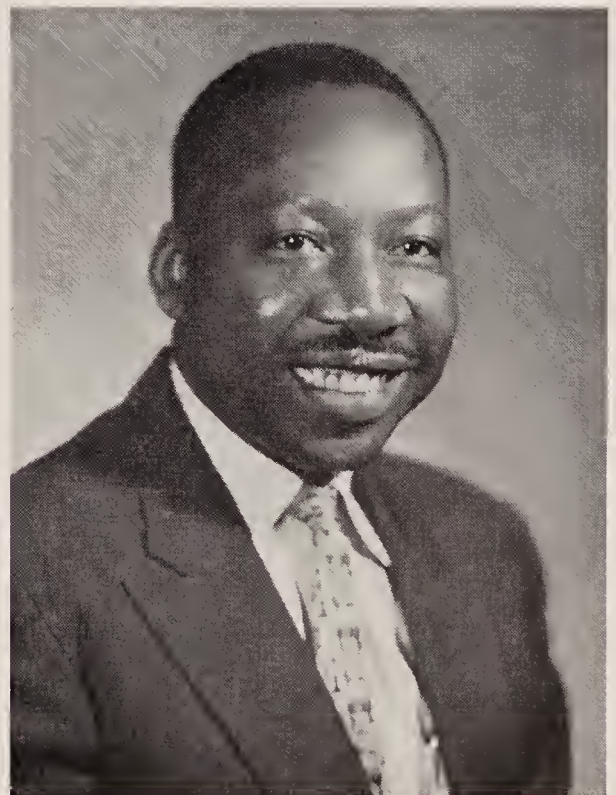
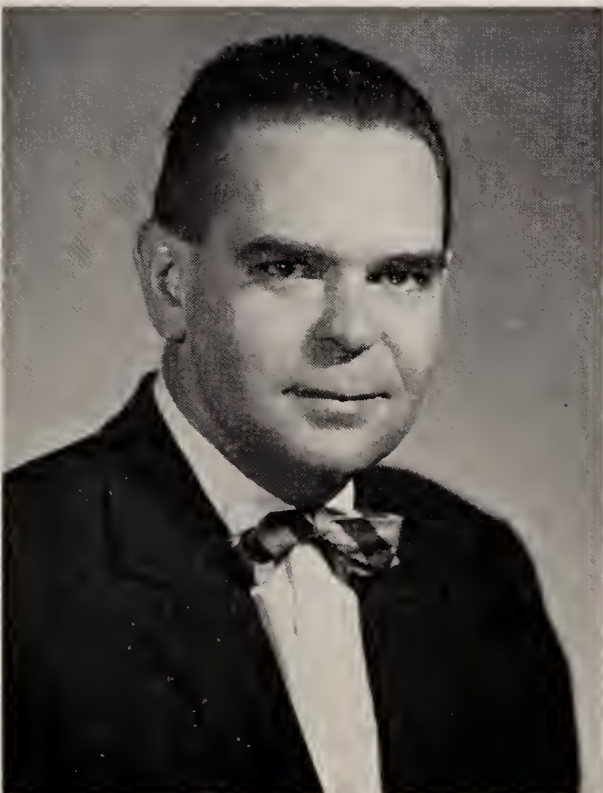


JACOB KATZ

B.A., M.A.; 76 Euston Road, Brighton 35, Mass.; Public Health Practice—Former Position: Sociologist, Health Division, UCS, Boston, Mass.; Next Position: Study Director, Survey of Nursing Needs and Resources in Massachusetts, Boston, Mass.

ERNEST C. KERSHAW

Ed.D.; Texas Southern University, Houston 4, Texas; Public Health Practice—Associate Professor, Div. of Health, Phys. Ed. and Recreation.



LAWRENCE C. KINGSLAND

M.D.; 300 South Main St., Cohasset, Mass.; Epidemiology—Chief Health Advisor, Massachusetts Public Health Contract, USOM/PAK-ISTAN, Karachi, Pakistan.



LEWIS B. KLEBANOFF

A.B., A.M., Ph.D.; 4 Marlboro Road, Lexington, Mass.; Public Health Practice—Former Position: Mental Health Coordinator, Beaverbrook Guidance Center; Next Position: Supervisor, Community Mental Retardation Centers, Massachusetts Department of Mental Health.



RUTH E. KOCHER

B.S.; 11 East 6th St., Jamestown, N. Y.; Administrative Dietitian, Clinical Center, NIH, Bethesda, Md.



JAN KOSTRZEWSKI

M.B.; Obozna 7, Warsaw, Poland; Epidemiology—Head, Dept. of Epid., State Inst. of Hyg., Warsaw.



DONALD KURVINK

A.B., M.A.; Pierre, South Dakota; Industrial Hygiene—South Dakota State Dept. of Health, Pierre, S. D.

ARTHUR C. LADD

M.D.; 2515 Larkin St., San Francisco, Calif.; Industrial Hygiene—Medical Examiner, United Airlines. Plans to study another year at HSPH.



JOHN C. LANE

M.B., B.S.; 24 Smith Road, Camberwell E6, Victoria, Australia; Aviation Medicine—Dir. of Aviation Med., Dept. of Civil Avia., Melbourne, Victoria, Australia.

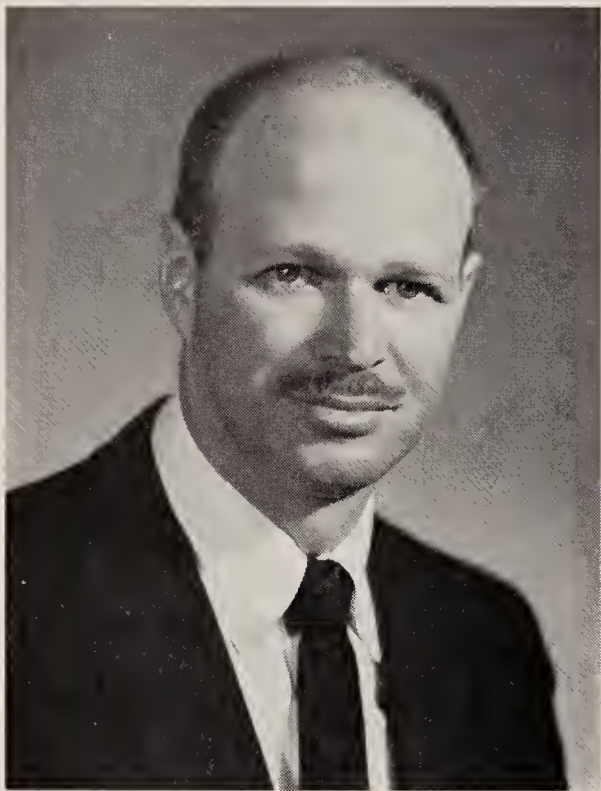
HSIANG JU LIN

B.A.; 40 Prentiss St., Cambridge, Mass.; Nutrition—Research Asst., Harvard School of Public Health, Boston, Mass.



EDWARD C. MALOOF

D.M.D.; 10 Fern St., Auburndale, Mass.; Public Health Practice—Visiting Instructor, Tufts Dental School, Boston, Mass.; Private Practice.



JOHN MASON

D.V.M., M.P.H.; 130 Alamo Drive, Santa Fe, New Mexico; Director, Div. of Comm. Dis. Control, New Mexico Dept. of P. H., Santa Fe, N. M.



PHYLLIS H. MATTSON

B.A., M.S.; 10 Roanoke Ave., Boston 30, Mass.; Public Health Practice; Jr. Public Health Analyst, California Dept. of Public Health, Berkeley, Calif.



CURTIS P. MCCAMMON

B.A., M.D.; Nashville, Tennessee; Industrial Hygiene—Director, Industrial Hygiene Service, Tennessee Dept. of Public Health, Nashville, Tenn.

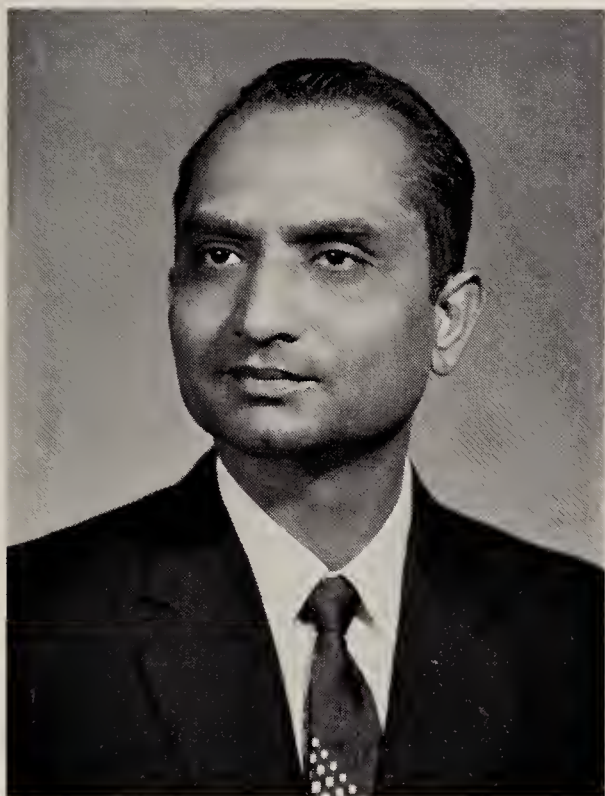


JAMES MCELROY

B.A., M.D., C.M.; Regina, Saskatchewan; Aviation Medicine—Staff Officer, Med. Services, 14 Tng. Gp. Hqtrs., RCAF, Winnipeg, Manitoba, Canada.

JACK HARVEY MEDALIE

B.Sc., M.B., B.Ch.; 20 Bar-Ilan St., Rechavia, Jerusalem, Israel; MCH
—Acting Head, Dept. of Family Health, Hadassah Medical Org.,
Jerusalem, Israel.

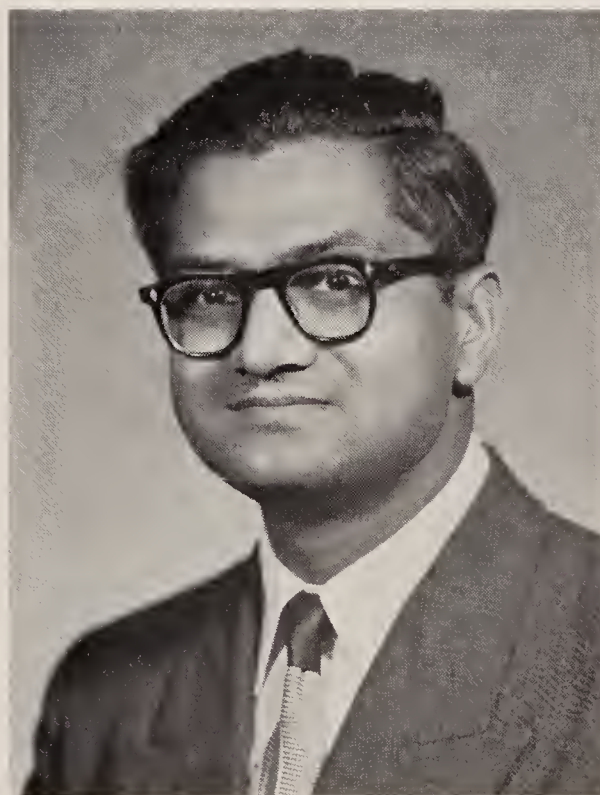


PRAMOD CHINANLAL MEHTA

H.B.B.S., F.C.P.S., D.Ch., D.Ped.; National Rayon Corp., Ltd., Kalyan,
Bombay, India; Industrial Hygiene—Chief Medical Officer, National
Rayon Corp.

MOOL CHAND MITTAL

M.D., M.B., L.M.P. c/o A. James & Co., Missooree, India; Epidemi-
ology—Former Position: Lecturer, Mahatma Gandhi Memorial Medical
College, Indore, India; Next Position: Head of Dept. of Prev. and
Soc. Med., Mahatma Gandhi Memorial Medical College.



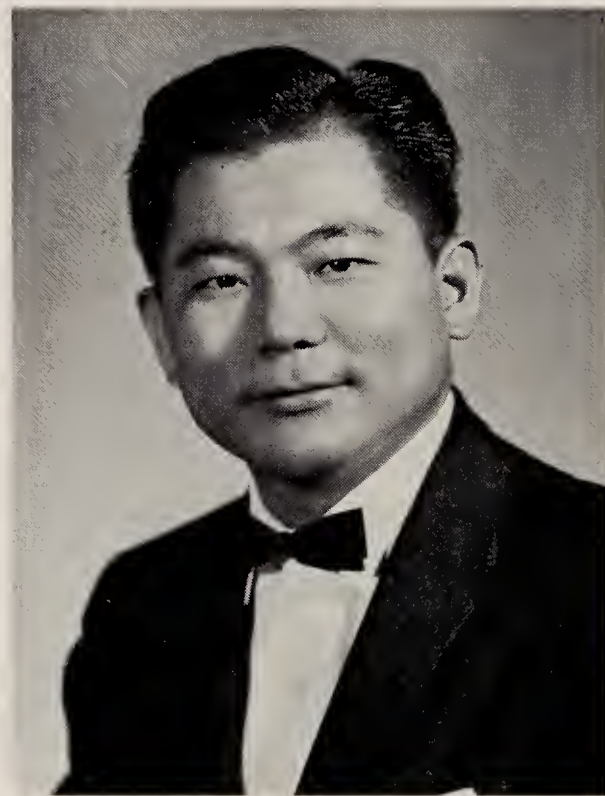
ARTUR ERNESTO MONIZ

M.D.; Lisbon, Portugal; Epidemiology—Aid to Chief Health Officer,
Lisbon, Portugal.



JAMES HAMILTON MURRAY

B.A., M.D.; 1107 Avenue Road, Toronto, Ontario, Canada; Aviation Medicine—Officer Commanding, Flying Personnel Medical Establishment, RCAF.



CHRISTIAN S. NAKAMA

B.A., M.A., M.Sc. in Hyg., R.S.; 1653 B 10th Ave., Honolulu, Hawaii; Public Health Practice; Former Position: Chief, Sanitation Div., Trust Terr. of the Pacific Islands, Truk, Carolina Islands; Next Position: International P. H. Education (I. C. A.).



SPURGEON H. NEEL

M.D.; 582 Echols St., Memphis, Tennessee; Aviation Medicine—Lt. Colonel, U. S. Army; Last Position: Chief, Aviation Medicine, Dept. of the Army; Next Position: Student, Advanced Aviation Medicine, Randolph AFB, Texas.

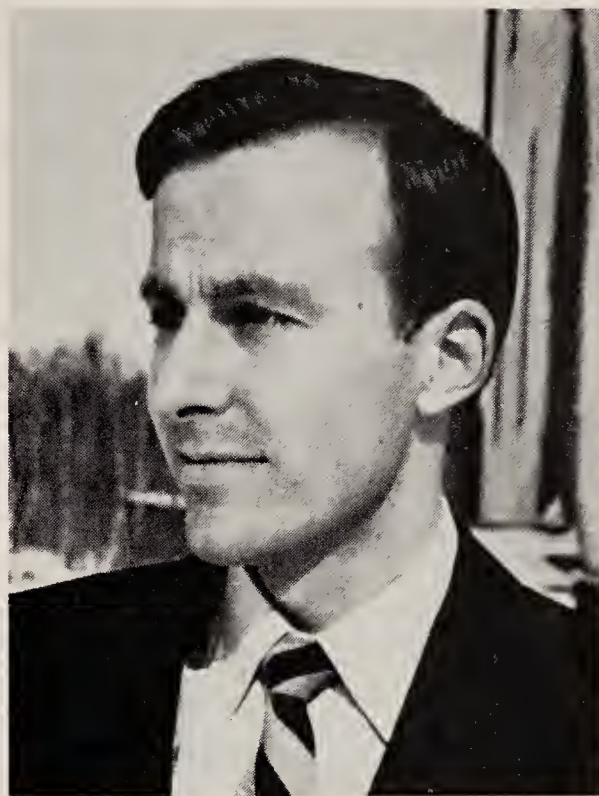
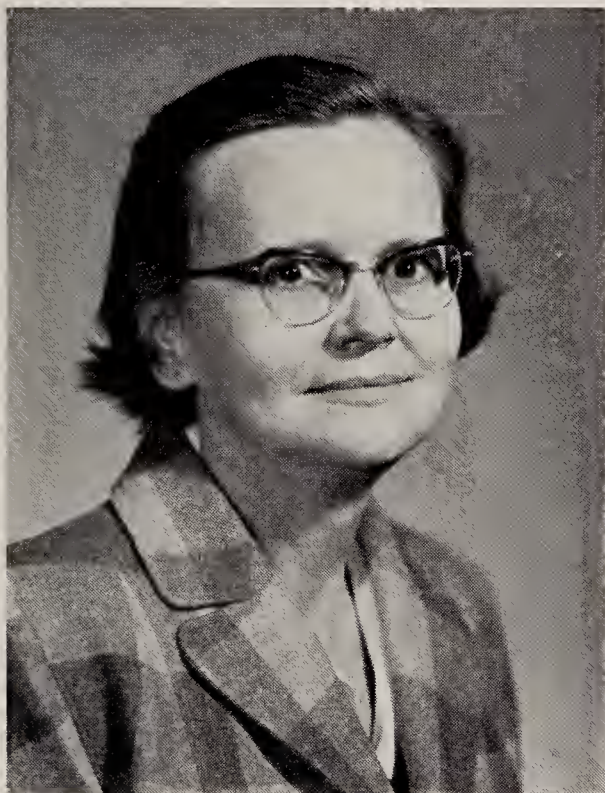


THOMAS O. NEVISON, JR.

A.B., M.D.; 104 Hammond St., Cambridge 38, Mass; Aviation Medicine—Former Position: Intern, Univ. of Oregon Medical Center.

K. LENNART NORDSTROM

C.E.; Sandgardsgatan 3, Linköping, Sweden; Aviation Medicine—
Aeronautical Engineer, Saab Aircraft Co., Linköping, Sweden.

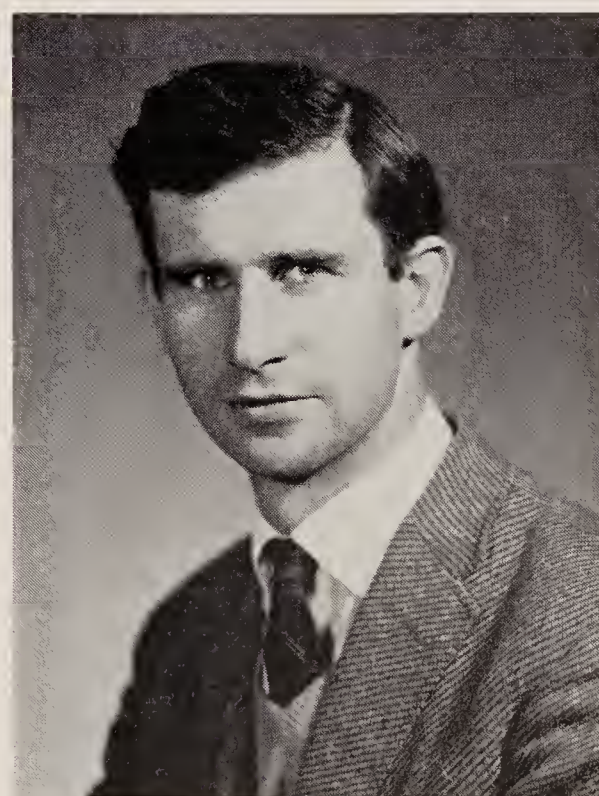
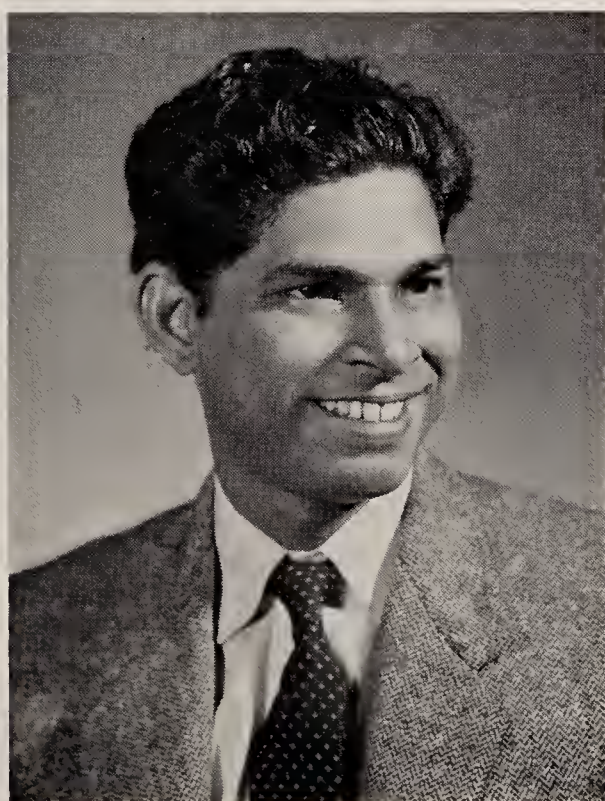


MILDRED A. NORVAL

M.D.; University City, Missouri; MCH—MCH Division, St. Louis
County Health Dept., Clayton, Mo.

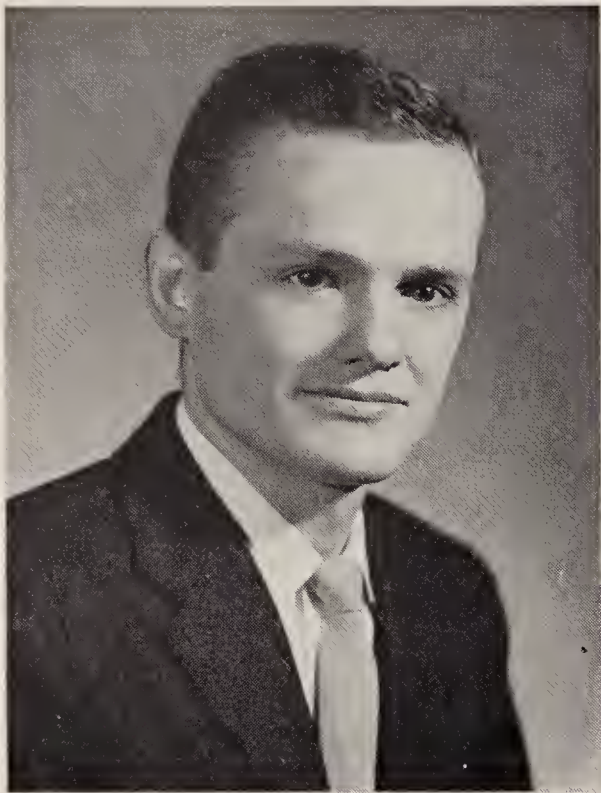
BRIAN O'DOHERTY

M.B., B.Ch., D.P.H.; 2 Alexandra Terrace, Bray, County Wicklow,
Ireland; Industrial Hygiene—Research Asst., Psychological Laboratory,
University of Cambridge, England.



DATTATRAYA N. PAI

M.B., B.S.; 57C, Gokhale Rd. (N), Bombay 28, India; Epidemiology
—Lecturer, Seth G. S. Medical College, Bombay, India.



CARL EUGENE POCHEDLY

A.B., M.D.; Mantua, Ohio; Epidemiology—Former Position: Intern, Akron Gen. Hosp., Akron, Ohio; Next Position: D.P.H. Candidate, Sch. of P. H., Univ. of Michigan.



DOROTHY LOUISE RAHN

B.S.; 612 Alpine Ave., Boulder, Colorado; Public Health Practice—P. H. Nurse Supr., Wind River Health Unit, USPHS Div. of Indian Health, Fort Washakie, Wyo.



JEANNE RICHIE

B.S., M.A.; Route 1, Box 28, Rialto, Calif.; Public Health Practice—Nursing Consultant, Pan-American Sanitary Bureau.

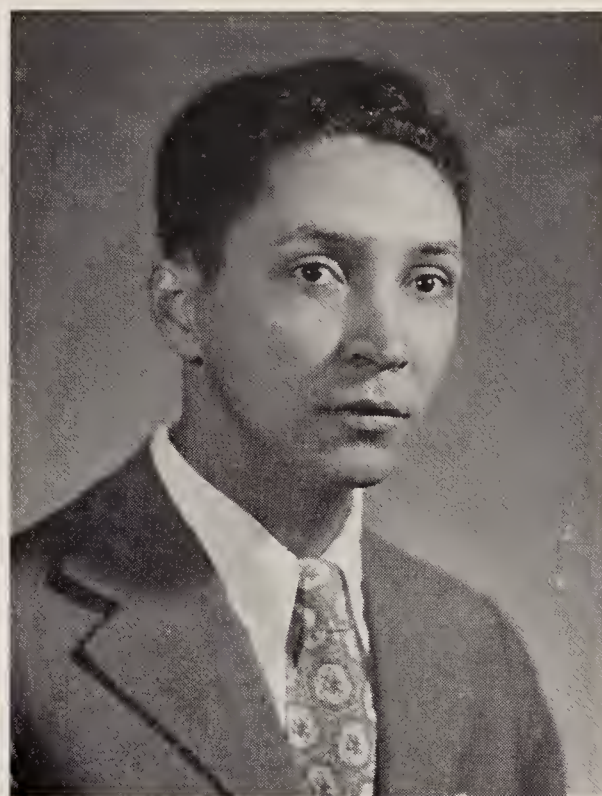


ARLENE M. ROBINSON

B.S., M.S.S.S.; 75 Marvin Ave., Franklin, Mass.; Public Health Practice—P. H. Social Worker, N. E. District Health Office, Mass. Dept. of Public Health.

GUILHERME RODRIGUES DA SILVA

M.D.; Univ. of Bahai Medical School, Brazil; Preventive Medicine—
Assistant, Internal Medicine, Univ. of Bahai Medical School.

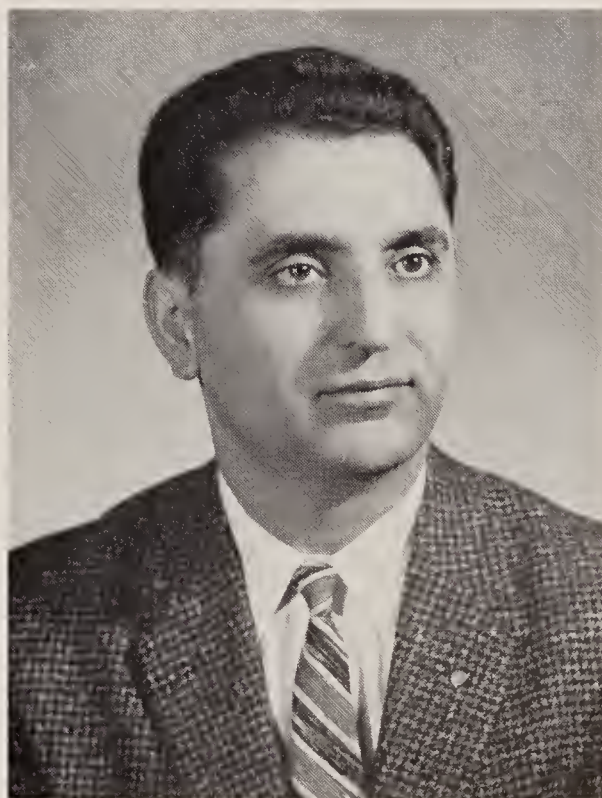


HAROLD E. RUSSELL

B.S., M.A., Ph.D.; Washington, D. C.; Public Health Practice—Chief
Psychologist, Div. of Legal Psychiatric Service, Dist. of Columbia
Health Dept., Washington, D. C.

GAREGIN SAROUKHANIAN

M.D., M.P.H.; Ministry of Health, Tehran, Iran; Epidemiology—
Former Position: Director, Provincial Health Dept., Shiraz, Iran;
Next Position: Asst. Prof. of Preventive Med., Shiraz Med. School,
Iran.



NEVIN S. SCRIMSHAW

M.D., Ph.D.; Nutrition—Institute of Nutrition of Central America
and Panama, Guatemala City, Guatemala.



DANIEL G. SEIGEL

B.S., M.A., M.S.; 574 Maple St., Brooklyn 3, N. Y.; Biostatistics—Senior Biostatistician, N. Y. State Dept. of Health, Albany, N. Y.



DAVID J. SENCER

M.D.; 14 Choate Road, Belmont, Mass.; Epidemiology—Med. Officer in Charge, USPHS Field Research Facility, Muscogee County Health Dept., Columbus, Ga.



DAVID A. SORICELLI

D.D.S.; 406 Delaware Ave., West Pittston, Pa.; Public Health Practice—Former Position: USPHS Dental Officer, Taos, New Mexico; Next Position: USPHS, Div. of Indian Health.



HEDWIG M. SORLÍ

B.S. in Ed., Ed.M.; 258 Main St., Lynnfield, Mass.; Public Health Practice—Public Health Education Supervisor, Massachusetts Dept. of Public Health.

FREDERICK JOHN SPENCER

M.B., B.S.; Health Dept., Fredericksburg, Virginia; Epidemiology—
Health Director, Fredericksburg Health District, Va.



MARY STEVENSON

M.D.; 108 Ralph Ave., White Plains, N. Y.; Epidemiology—Appren.
Epidemiologist, Westchester County H. D., White Plains, N. Y.

JOHN H. STONE

M.D.; Waldorf, Md.; Aviation Medicine—Base Surgeon, Pope Air
Force Base, North Carolina.



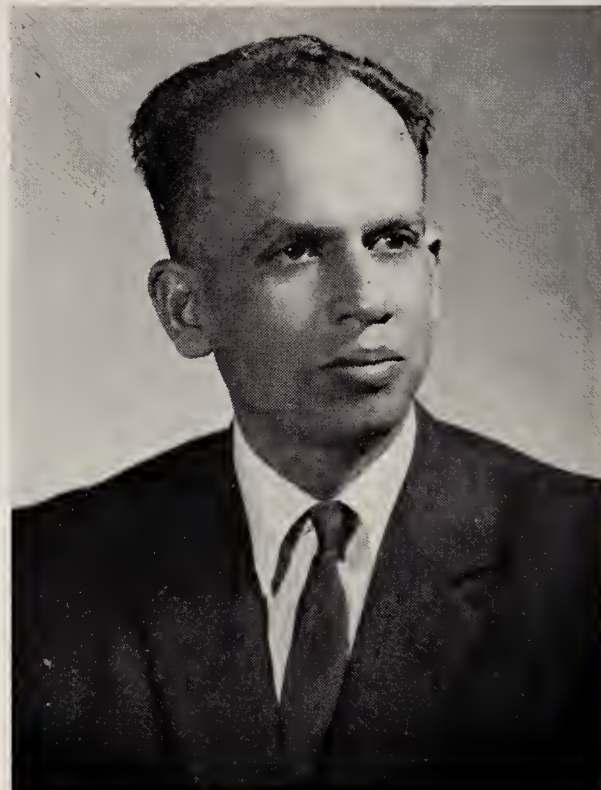
SAOVANEE SUDSANEH

B.S., M.S.; Bangkok, Thailand; Nutrition—Field Research Worker,
Cornell Research Center, Bangkok, Thailand; Student HSPH, 1956.



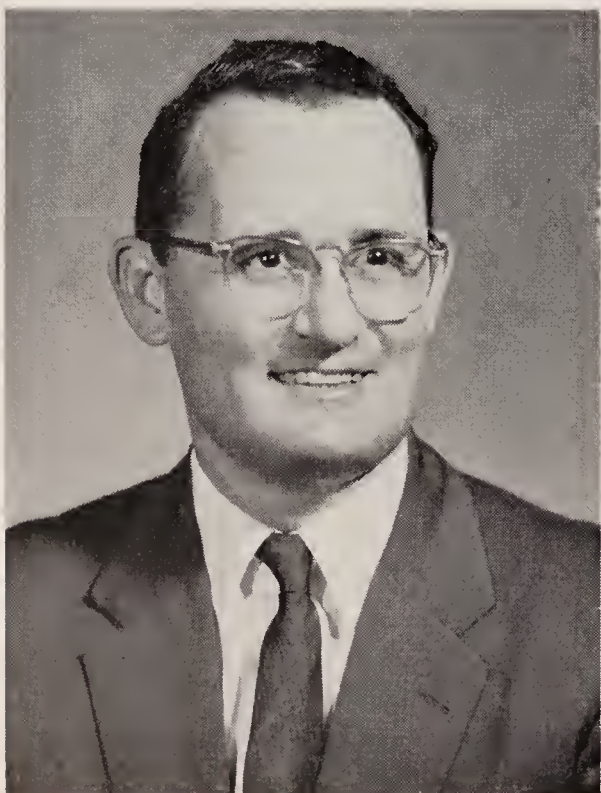
CLAYTON LAY THOMAS

B.S., M.D.; 71 Sharpe Road, Newton Centre 59, Mass.; Epidemiology—Fellow in Gastroenterology; Clinical Asst. II and IV, Harvard Medical Services, Boston City Hosp., Boston, Mass.



SUDHANSHU K. UPADHYAY

M.B., D.T.M., D.P.H.; 15/1 Ghoshal Bagan, Lalkia; Epidemiology—Lecturer, Prev. and Social Med., Calcutta Med. College, West Bengal, India.



ARTHUR L. WARNER

M.D.; 1011 E. Halcyon Road, Tucson, Arizona; MCH—Health Officer, USPHS, Div. of Indian Health, Albuquerque, N. M.



WILLIAM V. WARREN

B.S.; 6241 Beechcrest Place, Cincinnati 30, Ohio; Industrial Hygiene—Physicist, USPHS.

GEN-ICHI WATANABE

M.D., Dr.Med.Sci; 1-bancho, Asahimachi, Niigata City, Japan; Epidemiology—Prof. of Hygiene, Niigata Univ. School of Medicine, Niigata City, Japan.

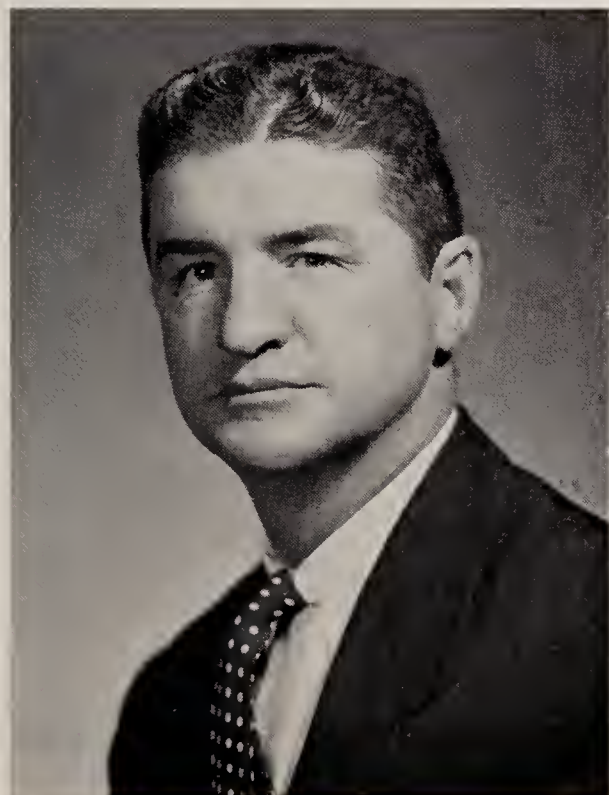
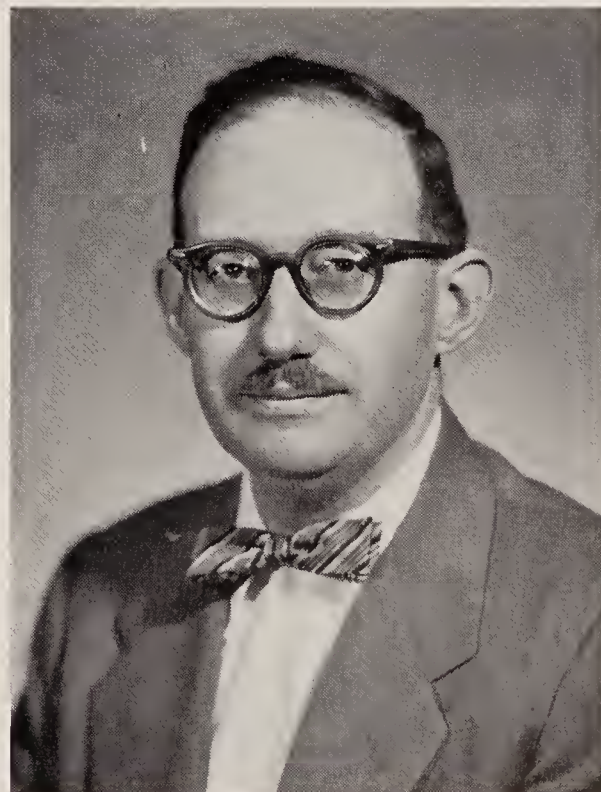


ELIZABETH LAW WATKINS

A.B., M.S.S.A.; 5520 Wootton Ave., Chevy Chase, Md.; Public Health Practice—Former Position: Medical Social Consultant, Anne Arundel County Health Dept., Md.; Next Position: Asst. Prof. of Social Work in P. H., Univ. of Michigan, School of Public Health, Ann Arbor, Mich.

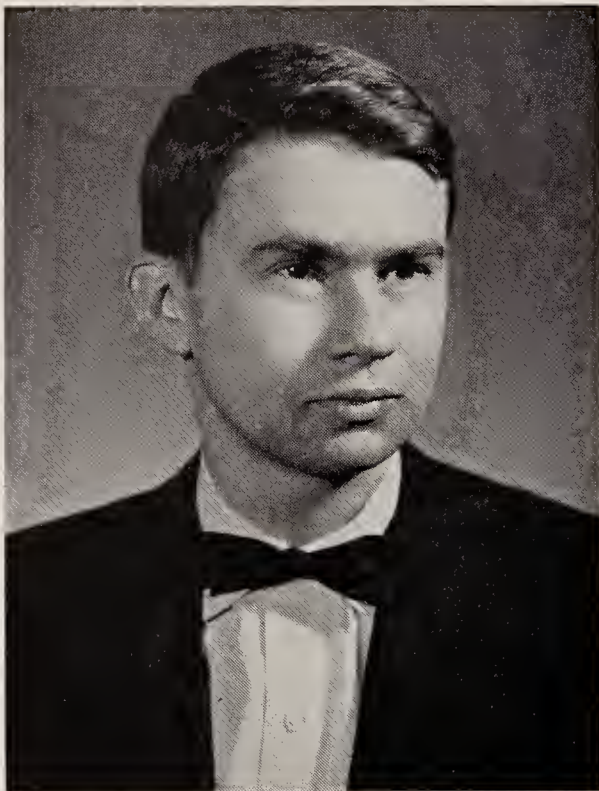
MORRIS A. WOLF

R.N., B.S. in Ed., A.M.; 497 Huntington Ave., Boston 15, Mass.; Public Health Practice—Charge Nurse, Medical Service and Safety Coordinator, Jules S. Sottnek Co., New York City.



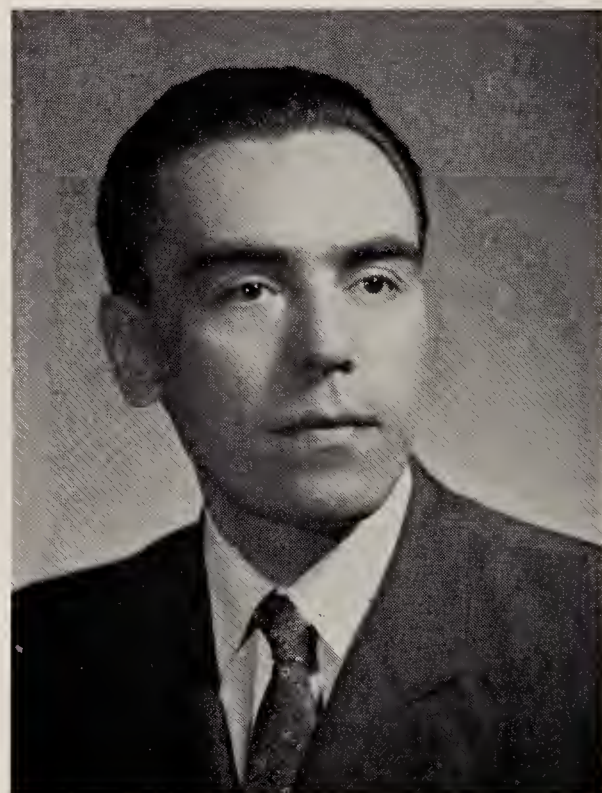
TERRELL R. WOODMANSEE

B.S., M.D.; 309 West Main St., Rexburg, Idaho; Aviation Medicine—Flight Surgeon, U. S. Air Force Academy, Denver, Colo.



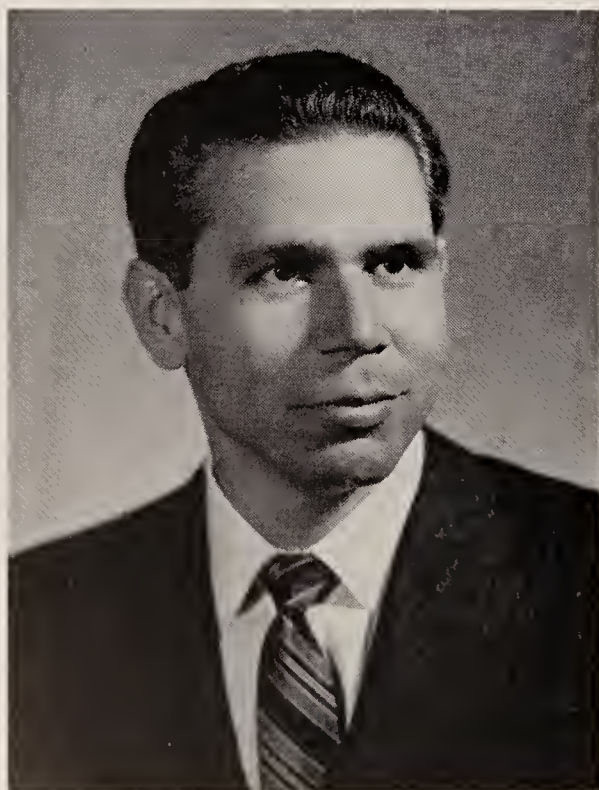
ROBERT M. WORTH

A.B., M.D.; 603 D. Kunawai Lane, Honolulu, T. Hawaii; Asst. Chief, Bureau of Geriatrics, Cancer and V. D. Control, Dept. of Health, T. H.



ISAIAS F. YANEZ

B.Ch.E.—Concepcion, Chile; Industrial Hygiene—National Health Service, Concepcion, Chile.



SYED AQA ZAFIR

M.B., B.S.; 37/1 Jacob Line, Bunder Rd., Karachi, Pakistan; Industrial Hygiene—Demonstrator in Hygiene, Dow Medical College, Karachi, Pakistan.



CLAIRE ELEANORE ZOMZELY

B.S., M.S.; 264 Brookline Ave., Boston, Mass.; Research Technician, HSPH, Dept. of Nutrition, Boston, Mass.

PART TIME STUDENTS

Dr. Louis J. P. Calisti, Mr. William J. Curran, Dr. Thomas R. Dawber, Mr. Robert M. Elashoff, Mrs. Dena L. Garry, Mrs. Virginia F. Gibson, Miss Eleanor K. Hetherington, Dr. William B. Kannel, Miss Irene A. Kittrick, Mrs. Lorraine V. Klerman, Mrs. Ruth B. Kundsins, Miss Barbara E. Nelson, Dr. Maurice M. Osborne, Jr., Miss Mary Jane Powers, Dr. Akhlaqur Rahman, Miss Mary Jane Richards, Mr. John William Vinson, Miss Marion E. Wray.

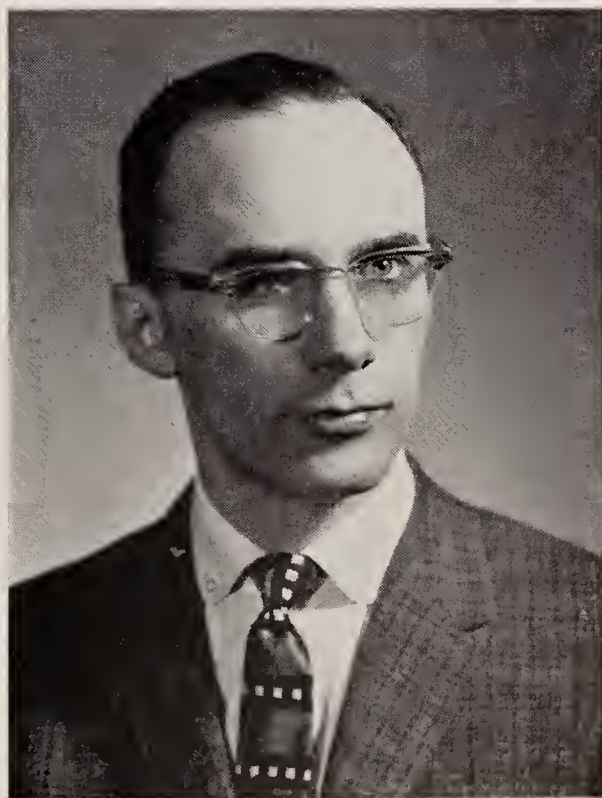


LOUIS J. P. CALISTI

D.D.S.; 47 Bonney St., Westwood, Mass.; Public Health Practice—Dental Director, Brookline Health Department, Brookline, Mass.

WILLIAM J. CURRAN

LL.B., LL.M.; 599 Chestnut Street, Waban 68, Mass.; Public Health Practice—Director, Law-Medicine Research Institute; Prof. of Legal Medicine, Boston University.



DENA L. GARRY

B.S.—4509 N. Whitehouse St., Spokane 12, Washington; School of Nursing, Simmons College—Field Supervisor, Pierce County Health Department, Tacoma, Wash.



VIRGINIA F. GIBSON

B.S.; 222 South Union Street, Concord, N. C.; School of Nursing, Simmons College—Senior Public Health Nurse, Santa Clara County Health Department, San Jose, Calif.



MAURICE M. OSBORNE, JR.

M.D.; 48 Sparks Street, Cambridge, Mass.; Public Health Practice—Director of Child Health, Brookline Health Department, Brookline, Mass.



MARY JANE POWERS

B.S.—12 Grove Street, Natick, Mass.; School of Nursing, Simmons College—Senior Public Health Nurse, Research Project, Boston City Hospital.



MARION E. WRAY

B.S.; 143 Park Drive, Boston, Mass.; School of Nursing, Simmons College—Supervisor, Massachusetts Dept. of Public Health, Division of V. D. Control, Boston, Mass.

CLASS OFFICERS

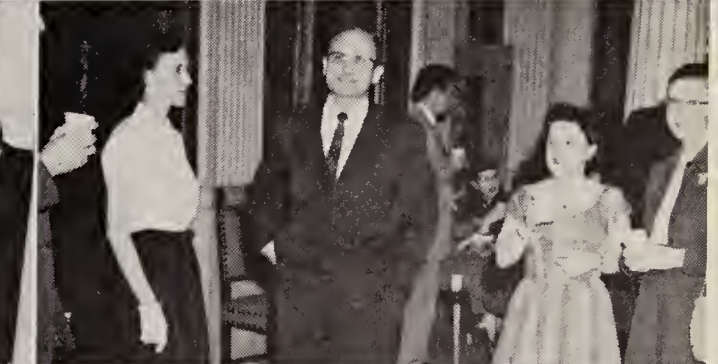


Lawrence Kingsland, Carl Erhardt, Phyllis Edwards and Stanislas Flache.



SOCIAL ACTIVITIES







John Mason, Marion Highriter, Sudhansu Upadhyay, Lakshmi Kant, Leon Horing, Pramod Mehta, Subbar Hasan.

FORUM COMMITTEE

THE Student Forum Committee with John Mason as Chairman has presented a varied program with a strong international flavor. Afternoon tea preceded the first semester forums at which panels of students from various countries discussed controversial topics. The crowded second semester schedule led to the instituting of lunch-hour forums where the number of questions raised and answered was considerably influenced by the munching of sandwiches. Through illustrated talks by various members of the class, we learned about medical programs in Australia, Israel, Central America, Hawaii and among the Arab refugees in the Middle East.

With more emphasis on the cultural side, we became acquainted with life on a Navaho Indian Reservation, on the South Pacific Islands of Micronesia, in the villages of South Korea and the fjords of Norway. St. Patrick's Day was appropriately celebrated by a trip to Killarney. High-

light of the year was the Indian Cultural Evening with Indian students and their wives in native dress acting as hosts and hostesses to serve a delicious Indian dinner prepared under their supervision. Plans for the rest of the year include evening discussions following dinner at Vanderbilt Hall, role playing program of the relationship between public health and private medical practice, and further lunch-hour trips to South America with Dr. Leon Horing, to Iran with Dr. Garegin Saroukhanian, and to Poland with Dr. Jan Kostrzewski.

The persons who participated in the forums were: John Mason, Shubbar Hasan, Marion Highriter, Lakshmi Kant, Lawrence Kingsland, Jeanne Richie, Zekin Shakashiri, Robert Worth, Mary Lee Ingbar, Eilert Eilertsen, Jan Kostrzewski, Jack Medalie, Arthur Warner, Andrew Kang, Christian Nakama, Nevin Scrimshaw, Brian O'Doherty, John Lane, and Stanislas Flache.



John Mason, Jack Medalie, Jeanne Richie, Stanislas Flache, Arthur Warner, Lawrence Kingsland.

CURRICULUM COMMITTEE

THE Student Curriculum Committee was created with the hope that it would lead to increased student participation in curriculum planning. Its objectives were (1) to provide a feedback for student responses to the faculty, (2) to give students an opportunity to express their feelings, and (3) to provide an educational experience for the committee members.

Its principal activity was the preparation and administration of an attitude and opinion questionnaire for each course in the School of Public Health. The returns were fairly representative of the student body and some of the recommendations were found useful by the faculty. At the end of the school year, a questionnaire asking for evaluation of the program as a whole was distributed and will be analyzed.

The Curriculum Committee met on several

occasions with members of the faculty to discuss such topics as possible application of findings from the questionnaire, changes currently being planned in the curriculum, ways of increasing the flexibility of the curriculum in order better to meet the individual student's needs, and the changing emphases of education in public health.

Results of the questionnaires and of the meetings with the faculty were channeled back to the students by means of class meetings and a student forum devoted to curriculum problems. Accomplishments of the committee may be summarized as follows: (1) increasing student understanding of curriculum problems, (2) increasing faculty awareness of student needs and responses, (3) provision of an additional method of student-faculty communication.



David Soricelli, Stanislas Flache, William Braye, Roger Spaulding, Arthur Handley, Jacob Katz,
Claire Wasserboehr, Morris Wolf, Clarence Kasales, Elizabeth Watkins.

YEARBOOK COMMITTEE

Editor

William J. Braye

Associate Editors

Arthur Handley, Clarence Kasales, Jacob Katz,
Arthur Warner, Elizabeth Watkins

Assistant Editors

Katherine Akin, Stanislas Flache, Ernest Kershaw,
David Soricelli, Morris Wolf

Administrative Consultant

Roger B. Spaulding

Secretary

Claire Wasserboehr

ACKNOWLEDGEMENTS

The Yearbook Committee wishes to thank:

THE WINTHROP LABORATORIES
for the sponsorship of the Yearbook for 1958

MR. ROBERT W. KELLY
of the Robert W. Kelly Publishing Corporation

THE LINCOLN STUDIO PHOTOGRAPHERS

MR. PAUL WASSERBOEHR
Art Work

MISS CLAIRE WASSERBOEHR
for her efficient secretarial work

MR. ROGER B. SPAULDING
Administrative Consultant



HARVARD SCHOOL



CLASS

1958 STUDENTS

73 U. S. A. . . . 4 Canada . . . 14 Europe, Africa and Middle
East . . . 5 Central and South America . . . 16 Far East . . . 1
Australia.

OF PUBLIC HEALTH



OF 1958

1958 STUDENTS

64 Physicians . . . 2 Psychologists . . . 4 Dentists . . . 1 Veteri-
narian . . . 11 Nurses . . . 4 Health Educators . . . 3 Social
Workers . . . 5 USAF . . . 2 RCAF . . . 6 Engineers . . . 4 Statis-
ticians . . . 6 Nutritionists . . . 1 Lawyer.

